

1970

U. Y. N.

EXTRAS

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

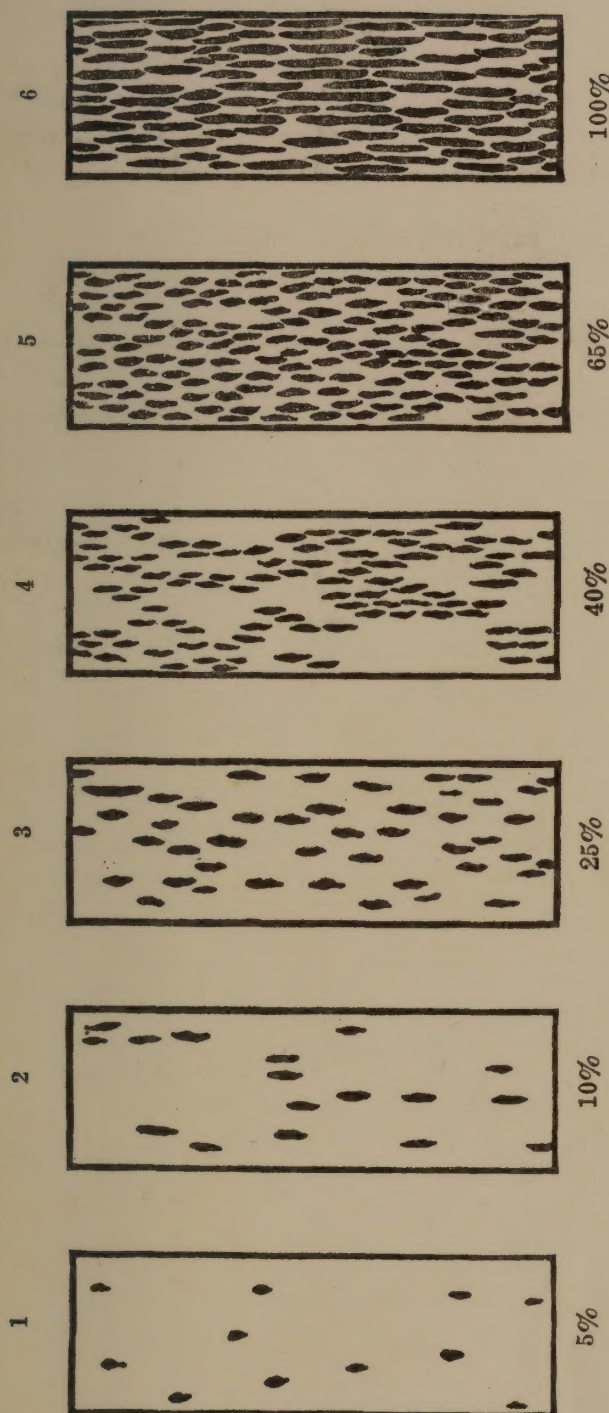


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

GROUP I

ACTUAL DATES SOWN

Bld. 15 E

GR 6, 1 & 2 4/2

GP. 3 4/3

Sown: 4-6 FLUSHED

EMERG: 4-15

	VARIETY OR SEL. No.	SEEDING ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1	B6335A1-5-4	101	7/4	8/10	42
	CI. 9545 X DAWN	205	7/4	8/10	43
	CI. 9822	312	7/5	8/10	43
		406	7/4	8/10	41
	(1418)		7/4	126	42

(89)

Hottest plant; sturdy

2	St. 6610358	102	7/5	8/10	52
	NOVA 66 X PALMYRA	211	7/6	8/10	54
	* CI. 9803	405	7/8	8/10	51
		413	7/7	8/10	53
	(St. 51-50(367))		7/7	126	53

(92)

Leafy

*ERROR IN SEEDING.

3	CRO. 67-5059	103	7/7	8/14	50
	SS NATE X RZ. 250M	215	7/8	8/14	48
	CI. 9703	309	7/9	8/14	51
		408	7/8	8/14	49
	(3)		7/8	130	50

(93)

4	NOVA-66	104	7/12	8/17	54
		207	7/12	8/17	56
	CI. 9481	316	7/12	8/17	55
		401	7/12	8/17	53
	(4)		7/12	133	55

tall; leafy

(97)

YIELD CALC.

TOTAL GMS. 4 REP X 1.285 = LB/A.
or

GMS./PLOT X 5.14 = LB/A.

July 2.070
all 2.070

ask. 1.7%

Mullins
head total

LODGING

0

17

0

0

0

0

0

70.3

72.7

0

43

0

12-7

0

12-6

0

0

0

68.3

70.7

0

55

0

0

0

0

0

65.7

70.0

0

49

0

0

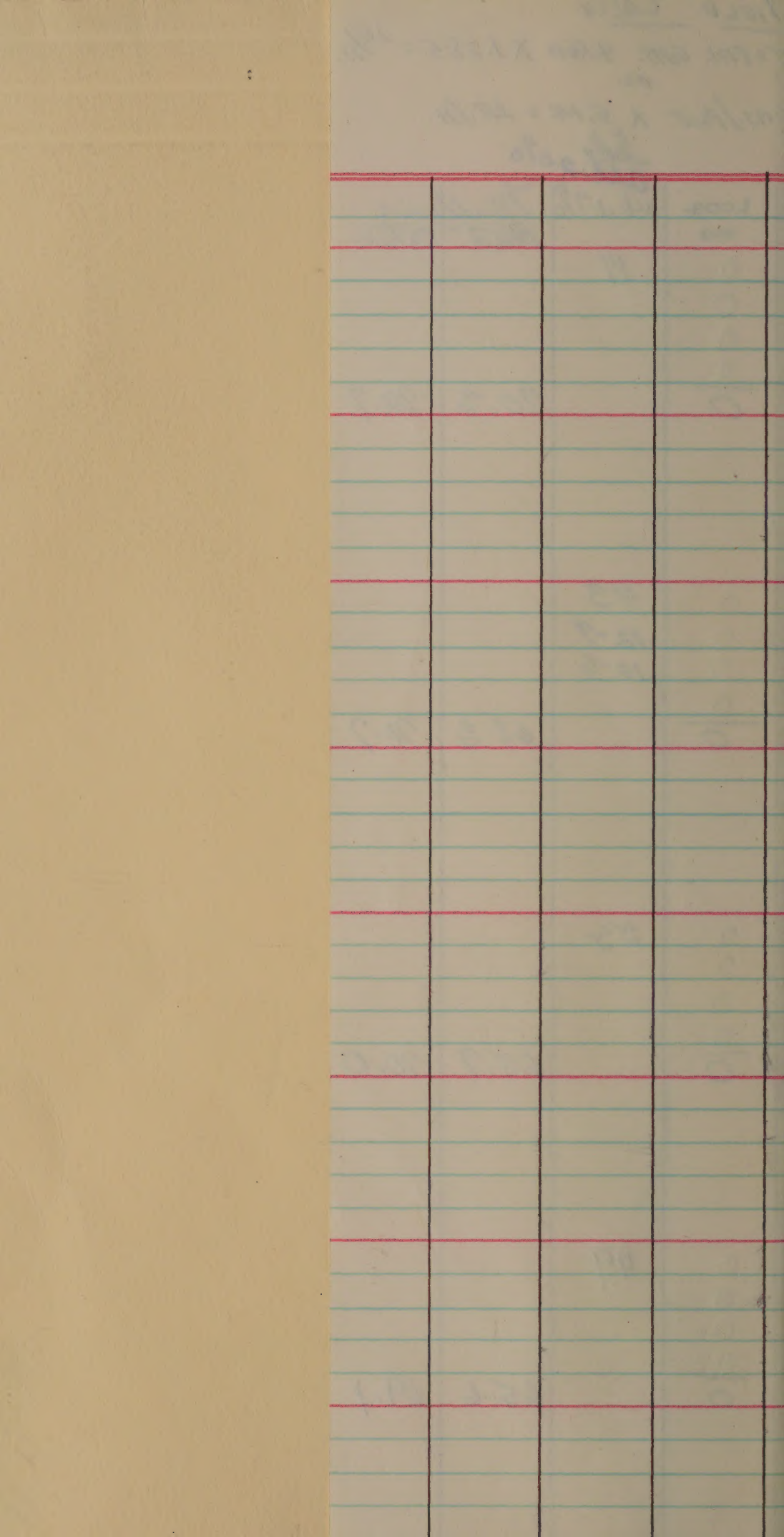
0

0

0

65.6

69.1



YIELD DATA

				GMS. PER ROW	ACRE YIELD	
					LBS.	B.
				1247		
				1294		
				1319		
				1206		
				5066	6510	
				938		
				836		
				1083		
				1059		
				3916	5032	
				891		
				857		
				777		
				827		
				3352	4307	
				1003		
				950		
				1030		
				963		
				3946	5071	

5

ST₆ 67M6666

105

7/8

8/11

49

NOVA 66 $\frac{1}{2}$ X PALMYRA

213

7/9

8/11

50

315

7/9

8/11

52

CI. 9804

403

7/10

8/11

49

(ST₆ ST-43(355))

7/9

127

50

(94)

6

B6337A1-BK-6

106

7/3

8/10

43

CI 9545 X (GR X PI)

204

7/3

8/10

43

308

7/3

8/10

44

CI. 9823

416

7/3

8/10

44

(1400)

7/3

126

44

(88)

Short; variable;
 Time of blight in I;
 severe blight in III.

7

ST₆ 67M3706

107

7/6

8/14

49

NATO X NOVA 66

210

7/6

8/14

53

307

7/7

8/14

52

CI. 9805

414

7/7

8/14

51

(ST₆ ST-63(306))

7/7

130

51

(92)

8

CRO. 69C5035

108

7/2

8/10

43

61 B1 78 X 134 (A-4)

203

7/3

8/10

43

302

7/3

8/10

43

CI. 9817

411

7/3

8/10

41

(CRO. 69C5035)

7/3

126

43

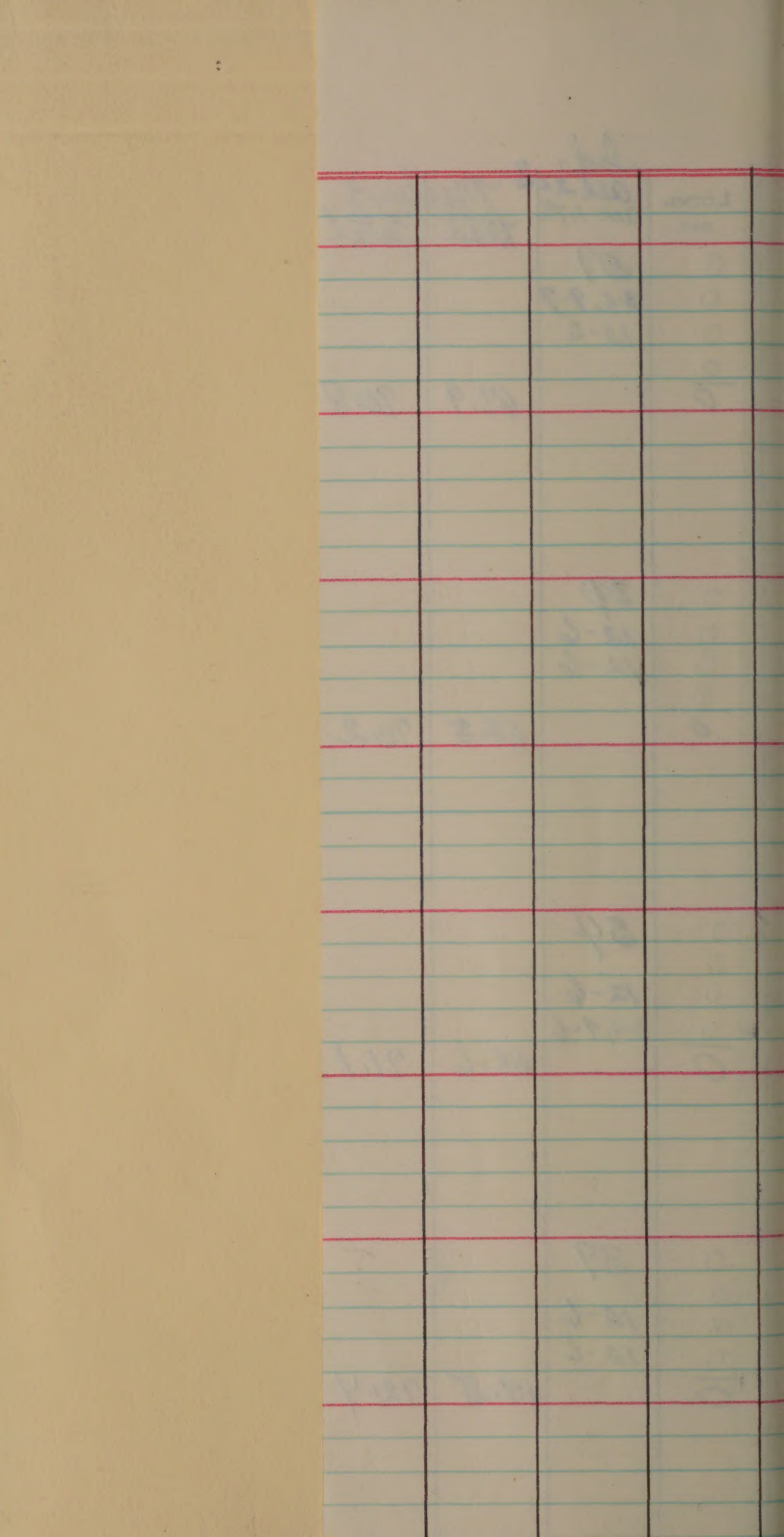
(88)

Short; sturdy;

P/p

(Rep. Linc)

[illegible]



YIELD DATA

GMS. PER ROW	CRE YIELD	
	LBS.	SL.
959		
827		
1041		
1074		
3901	5013	
1179		
1154		
970		
1150		
4453	5722	
1024		
1040		
1117		
1160		
4341	5528	
922		
900		
750		
891		
3463	4450	

9

NATO

CI. 8998

(Fd.)

ORDER

No.

109

216

303

412

Date

1st
HeadFull
RipePlant
hgt.
(in.)

7/8

7/9

7/9

7/9

7/9

(94)

8/17

8/17

8/17

8/17

133

52

54

55

53

54

1970 E. LAKE 404

10

B5818A1577-111

G.R. X PI. 215936

CI. 9685

(10)

110

214

306

402

7/4

7/4

7/4

7/4

7/4

(89)

8/10

8/10

8/10

8/10

126

43

43

46

41

43

11

CRO. 67-5045

(RZ-250M) X RE. 13-NATO

CI. 9677

(11)

111

201

304

407

7/3

7/3

7/3

7/3

7/3

(88)

8/10

8/10

8/10

8/10

126

43

45

45

44

44

Short; sturdy;
uniform; mod.
blight

12

SATURN

CI. 9540

(Fd.)

112

209

313

415

7/4

7/4

7/4

7/5

7/4

(89)

8/10

8/10

8/10

8/10

126

50

50

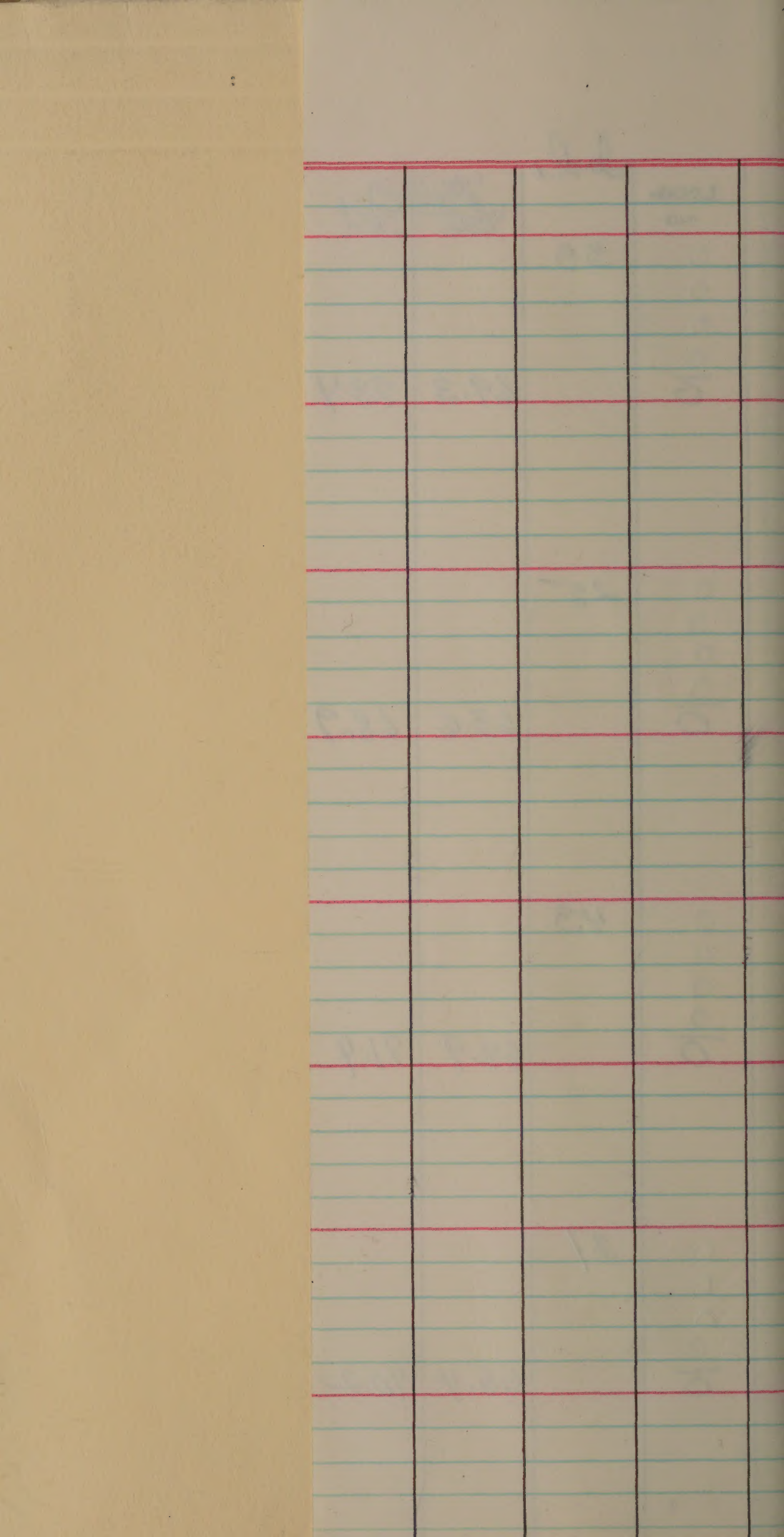
50

50

50

1970 E. LAKE 422

LODG. ING	Jad,	Milling Lead Std	
0 0 0 0 0 — 0	55	69.3	73.4
0 0 0 0 0 — 0	25	63.6	68.9
0 0 0 0 0 — 0	43	67.9	71.4
0 0 0 0 0 — 0	51	66.4	70.2

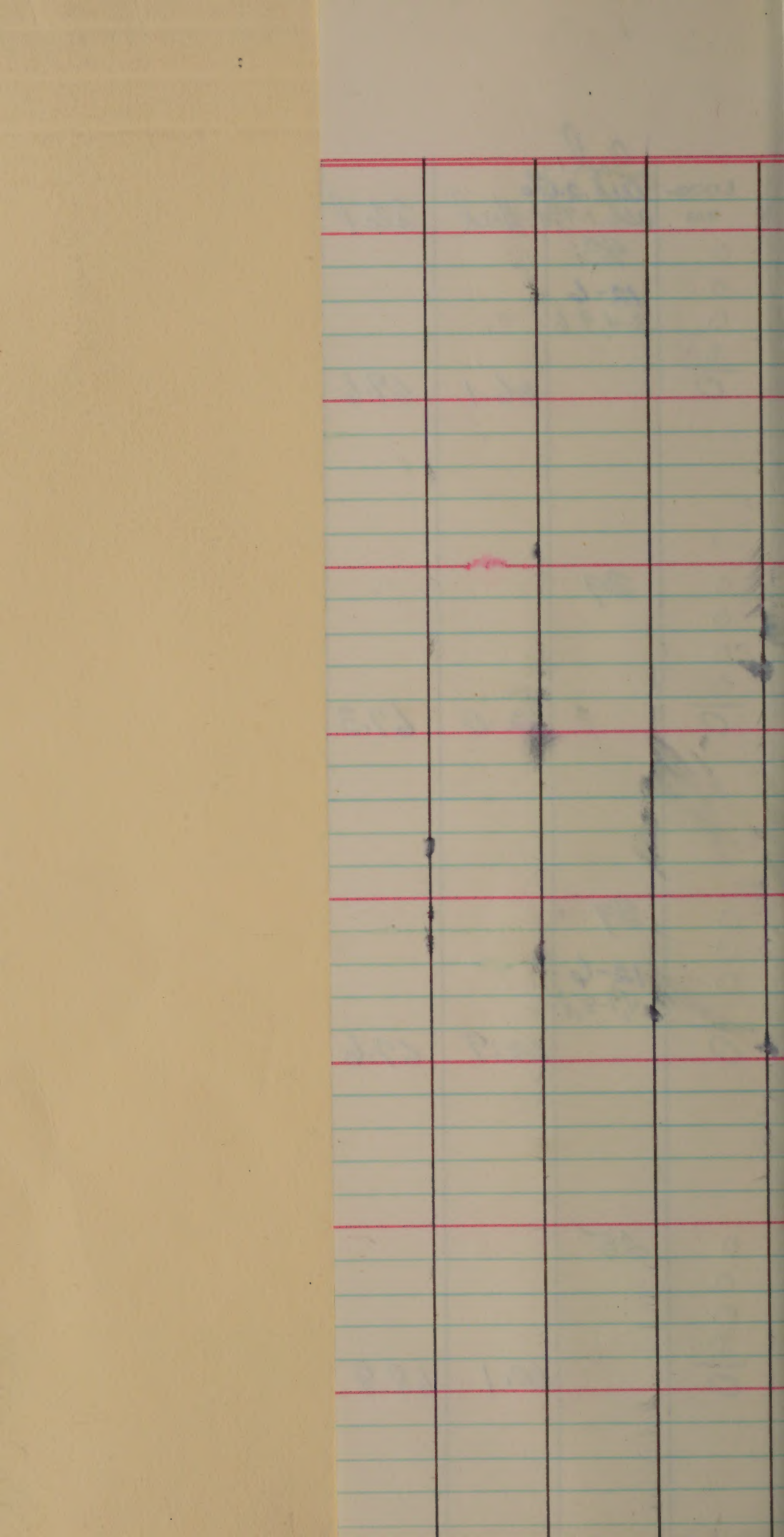


YIELD DATA

				GMS. PER ROW	ACRE YIELD	
					LBS.	Bu.
				590		
				949		
				1009		
				1019		
				<u>3567</u>	4584	
				1211		
				1173		
				1134		
				1181		
				<u>4699</u>	6038	
				1089		
				1128		
				1021		
				1001		
				<u>4239</u>	5447	
				806		
				983		
				1024		
				1025		
				<u>3838</u>	4932	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
13	B6334A2-1.2	113	7/5	8/11	47
	CI. 9545 X NOVA	202	7/6	8/11	46
		311	7/5	8/11	45
	CI. 9824	409	7/7	8/11	45
	(906)		7/6	127	46
p/p	variable; mod. powdery blight				
14	Stg 63D4349	114	7/7	8/17	50
	NOVA X G.R.	212	7/8	8/17	52
		301	7/8	8/17	53
	CI. 9633	410	7/8	8/17	49
	(14)		7/8	133	51
	variable; Some blight in rep. II;				
15	Stg 66M5938	115	7/7	8/17	46
	NORTH ROSE-NATO X G.R.	208	7/8	8/17	50
		314	7/9	8/17	50
	CI. 9806	*305	7/9	8/17	50
	(Stg 11-15 (195A))		7/8	133	49
	variable; mod. to heavy powdery blight				
16	* ERROR IN SEEDING				
	13d X PI. 215936	116	7/7	8/11	48
	(BULK HYBRID)	206	7/8	8/11	51
		310	7/8	8/11	51
	CI. 9678	404	7/7	8/11	49
	(16)		7/8	127	50
	variable				

LOGG- ING	Jud. Avg. 2.0% alk. 1.7%	Head	Total
0 0 0 0 0 0	43 12-6 3-4, 9-6	66.1	69.6
0 0 0 0 0 0	39	62.0	67.3
0 0 0 0 0 0	39 12-6 3-4, 1-5, 8-6	62.9	67.6
0 0 0 0 0 0	25	60.1	68.8



YIELD DATA

GMS. PER ROW	ACRE YIELD LBS.	BU.
--------------------	--------------------	-----

1019

1062

1222

1137

4440

5705

727

526

887

989

3129

4021

754

795

953

854

3356

4312

995

1099

1134

1042

4270

5487

Group II
 Bld. 14E
 Sour: 4-6
 EMEAG; 4-15

		ORDER No.	Date		Plant ht. (in.)
			1st Head	1st Ripe	
21	DELLA	121	7/9	8/17	54
	(R-D) x (R-2)	227	7/9	8/17	56
		331	7/9	8/17	56
	CI. 9483	425	7/10	8/17	55
	(21)		7/9	133	55
			(94)		
22	B572 R3-47-2-2P-1.2	122	7/16	8/24	50
	PT. 215936 x CI. 9214	229	7/17	8/24	51
		328	7/17	8/24	51
	CI. 9631	433	7/17	8/24	48
	(22)		7/17	140	50
	Early reg.		(102)		
23	Stg 668282	123	7/17	8/24	51
	CI. 9402 x Dawn	234	7/17	8/24	52
		330	7/17	8/24	52
	CI. 9807	422	7/17	8/24	52
	(Stg MS-73(289))		7/17	140	52
			(102)		
24	Stg 653883	124	7/16	8/21	55
	CI 9453-9187 x BBT-50	222	7/16	8/21	56
		333	7/17	8/21	55
	CI. 9808	429	7/16	8/21	55
	(Stg 12-9(184A))		7/16	137	55
			(101)		

LODG-
ING

Lab.
alk-2.0%
alk-1.7% Head tail

0
20
0
0
0
5

29
8/7

48.0 64.6

0
0
0
0
0
0

16

56.8 67.5

0
0
0
0
0
0

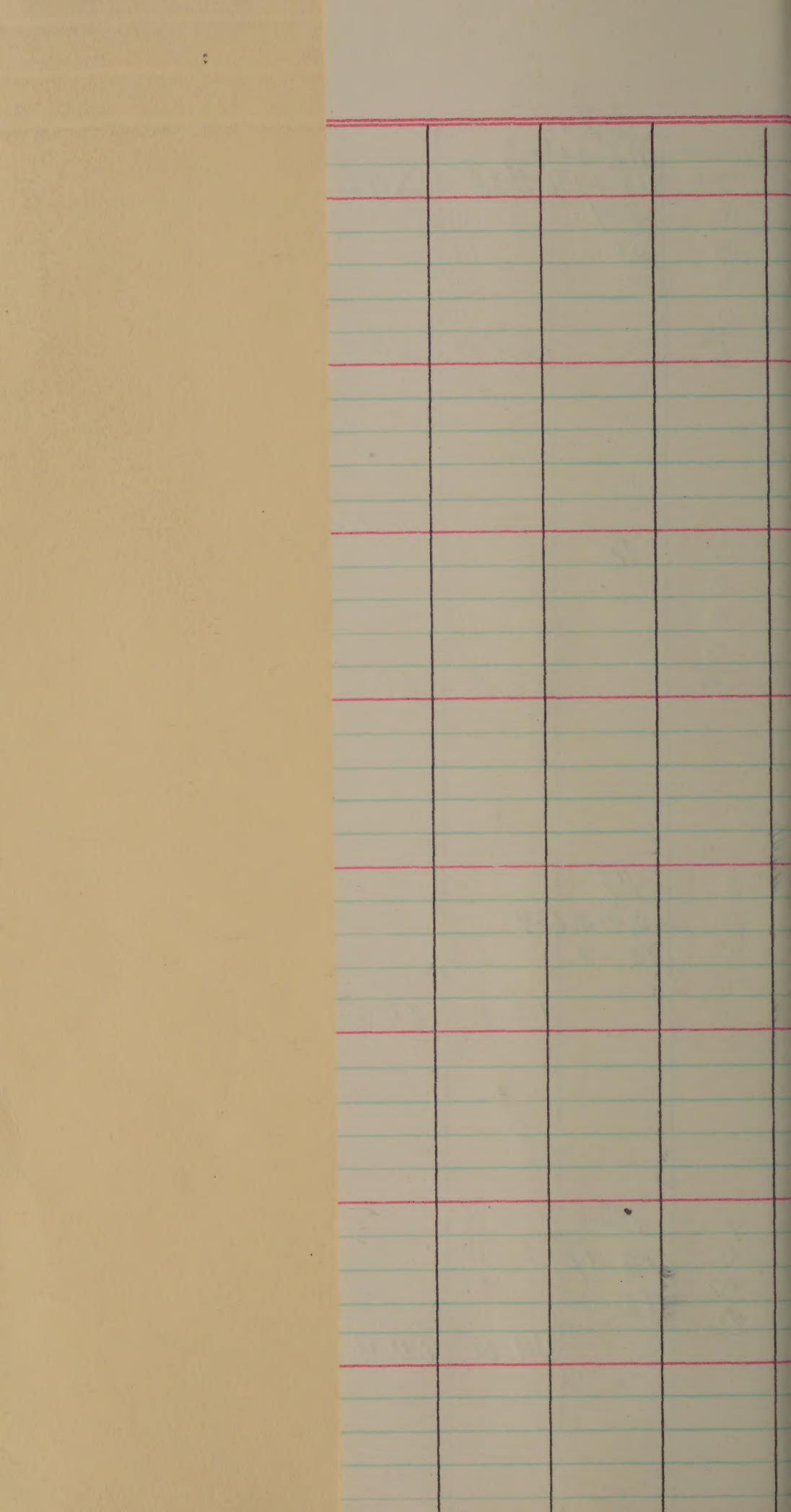
17
2-2, 4-3, 6-4
12-2

48.1 64.2

0
0
0
0
0
0

12
12-4
12-2

49.0 64.4



YIELD DATA

				GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
				947		
				999		
				1012		
				1005		
				3963	5092	
				1264		
				1316		
				1323		
				1280		
				5183	6660	
				1143		
				1100		
				1186		
				1160		
				4589	5897	
				1053		
				1076		
				1044		
				1110		
				4283	5504	

25

DAWN

ORDER
No.

125

221

CI. 9534

332

431

(Fd.)

Date
1st
Head

7/10

7/11

7/12

7/11

7/11

Full
Ripe

8/21

8/21

8/21

8/21

137

Plant
hgt.
(in.)

55

54

53

54

54

1970 E. LAKE 403

(96)

26

B6210A1-16.2

126

DAWN X CI. 9187

232

323

CI. 9825

428

(1361)

7/7

7/6

7/7

7/7

7/7

(92)

8/17

8/17

8/17

8/17

133

46

49

48

48

48

27

Cro. 69C5148

127

61 B1 78(R-L) X 132

236

335

CI. 9818

424

(Cro. 69C5148)

7/8

7/9

7/9

7/9

7/9

(94)

8/11

8/11

8/11

8/11

127

45

46

47

45

46

28

B6612A2-9.3

128

BLUEBELLE $\frac{1}{2}$ X DAWN

225

321

CI. 9826

436

(1352)

7/1

7/1

6/30

7/1

7/1

(86)

8/3

8/3

8/3

8/3

119

46

44

45

44

45

vp

Lead

alk-2.0% Lead

metal

LODGING

alk-1.7%

0
0
0
0
0
0

14

49.7 64.0

0
0
0
0
0
0

23
12-4
12-2

45.5 63.5

0
0
0
0
0
0

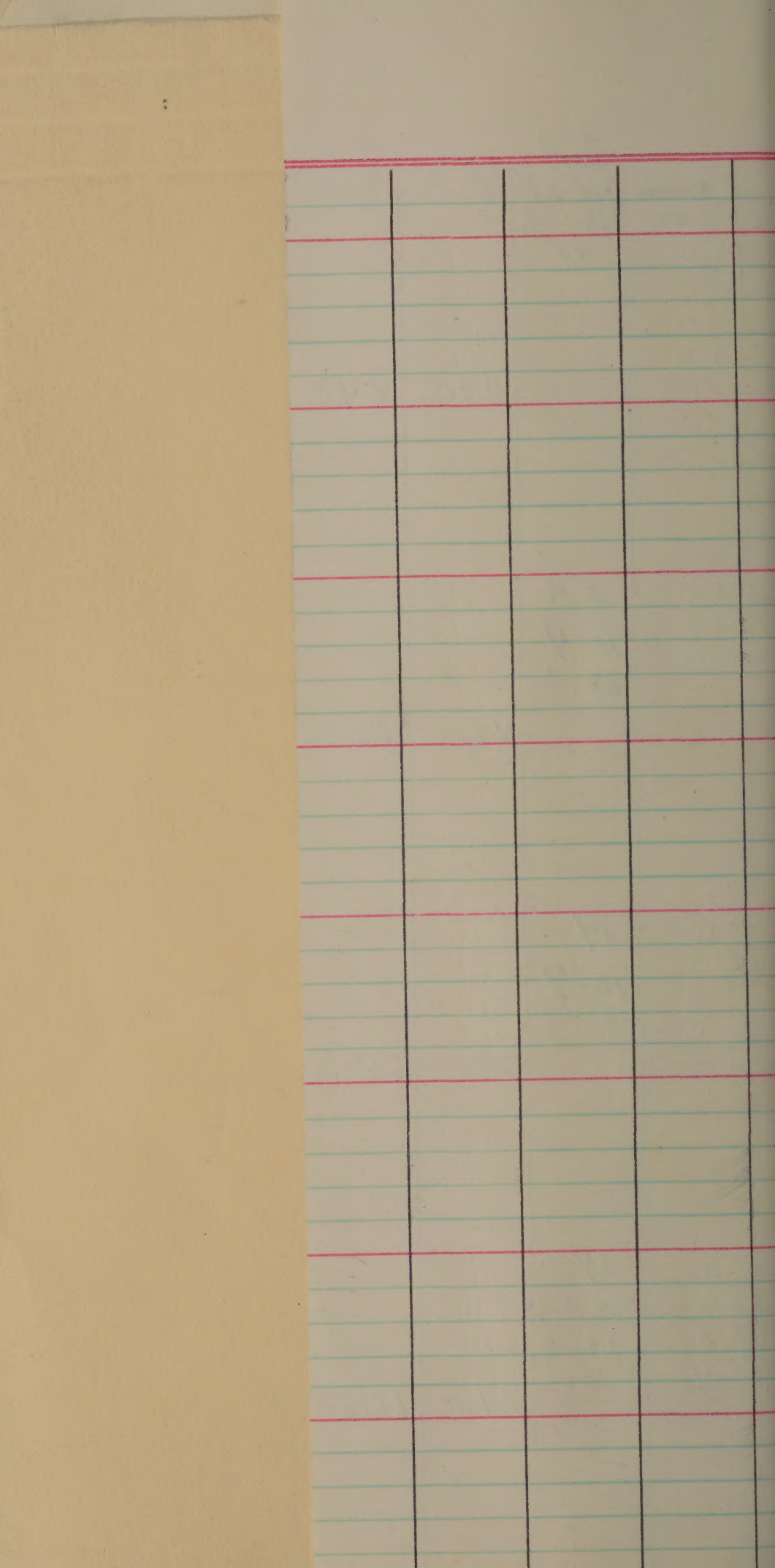
19
12-7
1-5, 7-6, 4-7

53.0 65.6

0
0
0
0
0
0

14
6-3, 6-4
12-2

61.2 68.8



YIELD DATA

GMS. PER ROW	ACRE YIELD LBS.	B.
--------------------	--------------------	----

1172		
1238		
1156		
1243		
<u>4809</u>	6180	

1141		
1240		
1109		
1221		
<u>4711</u>	6054	

876		
940		
1061		
1070		
<u>3947</u>	5072	

1156		
1142		
1189		
1044		
<u>4531</u>	5822	

29

Stg 646779

129

7/9

8/17

54

(Stg 9453-BB-50) X CI. 987

233

7/9

8/17

53

336

7/9

8/17

53

CI. 9809

421

7/9

8/17

51

(Stg 12-15(178A))

7/9

133

53

(94)

30

Stg 664954

130

7/9

8/17

54

(Stg 9453-BB-50) X CI. 9187

231

7/9

8/17

53

326

7/9

8/17

52

CI. 9810

432

7/9

8/17

54

(Stg 12-13(180A))

7/9

133

53

(94)

31

134 X 61 B1-186

131

7/14

8/24

54

226

7/14

8/24

52

CI. 9680

322

7/14

8/24

50

435

7/14

8/24

52

(31)

7/14

140

52

(99)

32

B661A1-28-BK

132

7/1

8/3

46

BLOEBELLE X (B.P.X.D.)

224

7/1

8/3

45

334

7/1

8/3

44

CI. 9827

427

6/30

8/3

44

(1307)

7/1

119

45

86

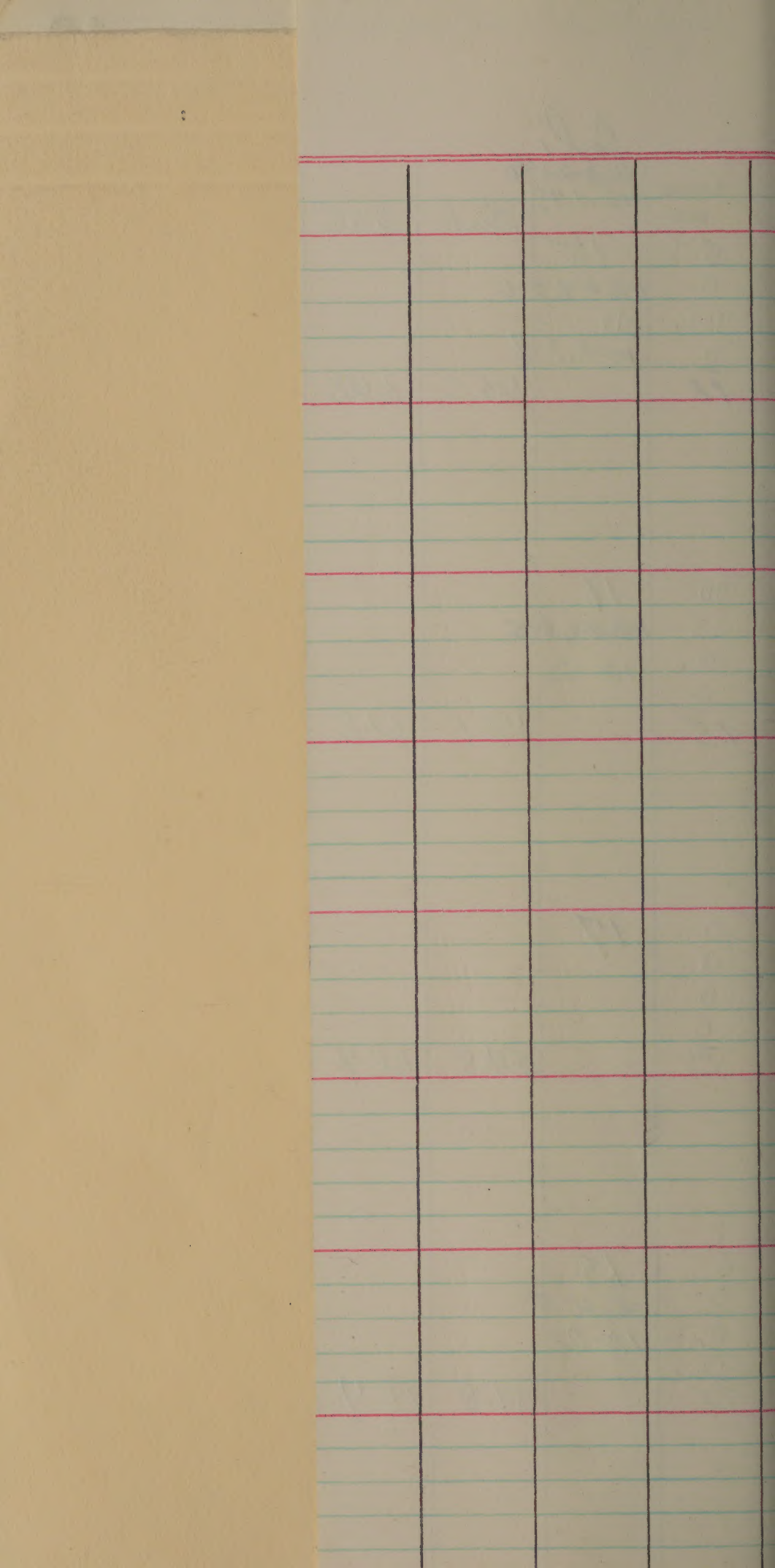
Ind.

LODG- ING		Head	Total
5%	15		
0	1-2, 6-4, 5-6		
40%	317		
0	10-2, 2-4		
<u>11</u>		46.2	64.0

40	16		
20	1-2, 5-4, 6-5		
0	12-2		
<u>15</u>		43.1	61.8

0	17		
0			
0			
0			
<u>0</u>		54.8	68.4

0	13		
0	1-2, 11-5		
0	12-2		
<u>0</u>		51.8	65.4



YIELD DATA

				GMS. PER ROW	ACRE YIELD	
				LBS.	BL.	
				1047		
				975		
				1019		
				1043		
				4084	5248	
				1027		
				1068		
				1050		
				1054		
				4199	5396	
				943		
				991		
				1055		
				1000		
				3989	5126	
				1123		
				1166		
				1195		
				1151		
				4635	5956	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Fall Ripe	
33	St. 653888	133	7/17	8/24	55
	(I. 9453-9187) X RB-50	223	7/16	8/24	53
		325	7/17	8/24	56
	CI. 9695	434	7/16	8/24	53
	(33)		7/17	140	54
			(102)		
34	St. 521301	134	7/13	8/24	54
	R. 7689 X (TP X R-SBR)	235	7/13	8/24	52
		329	7/14	8/24	52
	CI. 9187	423	7/14	8/24	50
	(34)		7/14	140	52
			(99)		
	Unseen heading				
35	St. 654817	135	7/11	8/24	54
	(I. 9187) X (BB-50-R)	228	7/11	8/24	54
		324	7/11	8/24	53
	CI. 9716	430	7/11	8/24	53
	(35)		7/11	140	54
			(96)		
36	(Ro. 69C5067)	136	7/7	8/17	50
	CHo X RD-RZ	230	7/7	8/17	50
		327	7/7	8/17	50
	CI. 9819	426	7/7	8/17	48
	(CRo. 69C5067)		7/7	133	50
			(92)		
	variable				

lod.

LODGE-
ING

Head total

15

48.3 64.9

21

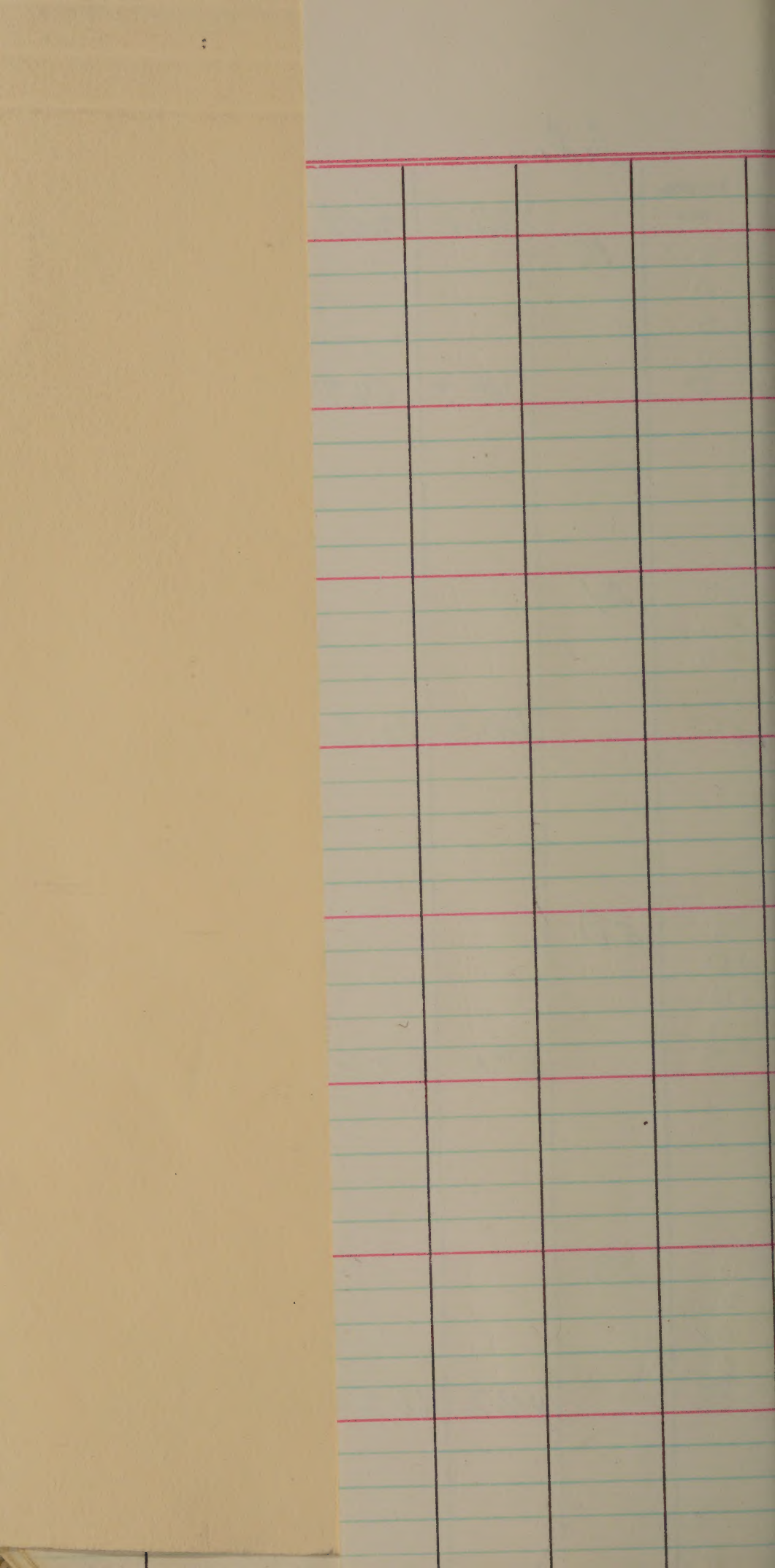
40.3 60.3

20

57.0 67.2

23

44.3 66.5



YIELD DATA

				GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
				1044		
				1070		
				1174		
				1129		
				4417	5676	
				1131		
				1115		
				1238		
				1153		
				4637	5959	
				1187		
				1195		
				1265		
				1231		
				4878	6268	
				1093		
				1121		
				1170		
				1087		
				4471	5745	

GROUP III

Blk 13E

Sown: 4-6

EMERG. 4-15

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
41	B6335A2.2.3	141	7/7	8/20	41
	CI. 9545 X DAWN	249	7/8	8/20	41
		350	7/8	8/20	41
	CI 9828	444	7/8	8/20	42
	(1373)		7/8 (93)	136	41
42	B572A3.47.2.2P.2.33	142	7/14	8/24	45
	PI. 215936 X CI. 9214	253	7/16	8/24	45
		342	7/17	8/24	46
	CI. 9687	448	7/16	8/24	45
	(42)		7/16 (101)	140	45
43	B572A3.47.2.2P.2.33	143	7/14	8/24	45
	PI. 215936 X CI. 9214	247	7/14	8/24	46
		356	7/16	8/24	46
	CI. 9665	441	7/16	8/24	46
	(43)		7/15 (100)	140	46
44	Stg 657181	144	7/17	8.27	52
	CI 9209 SEL - CI. 9187 1/2 X	251	7/18	8.27	51
	(B.50 - REV.)	346	7/17	8.27	52
	CI. 9811	454	7/19	8.27	52
	(Stg 24 (149A))		7/18 (103)	143	52

very leafy

LODG.
ING

Ind.
alk-2.0%
alk-1.7%

Head Total

12

0

52.3 69.1

16

0

58.7 69.4

15

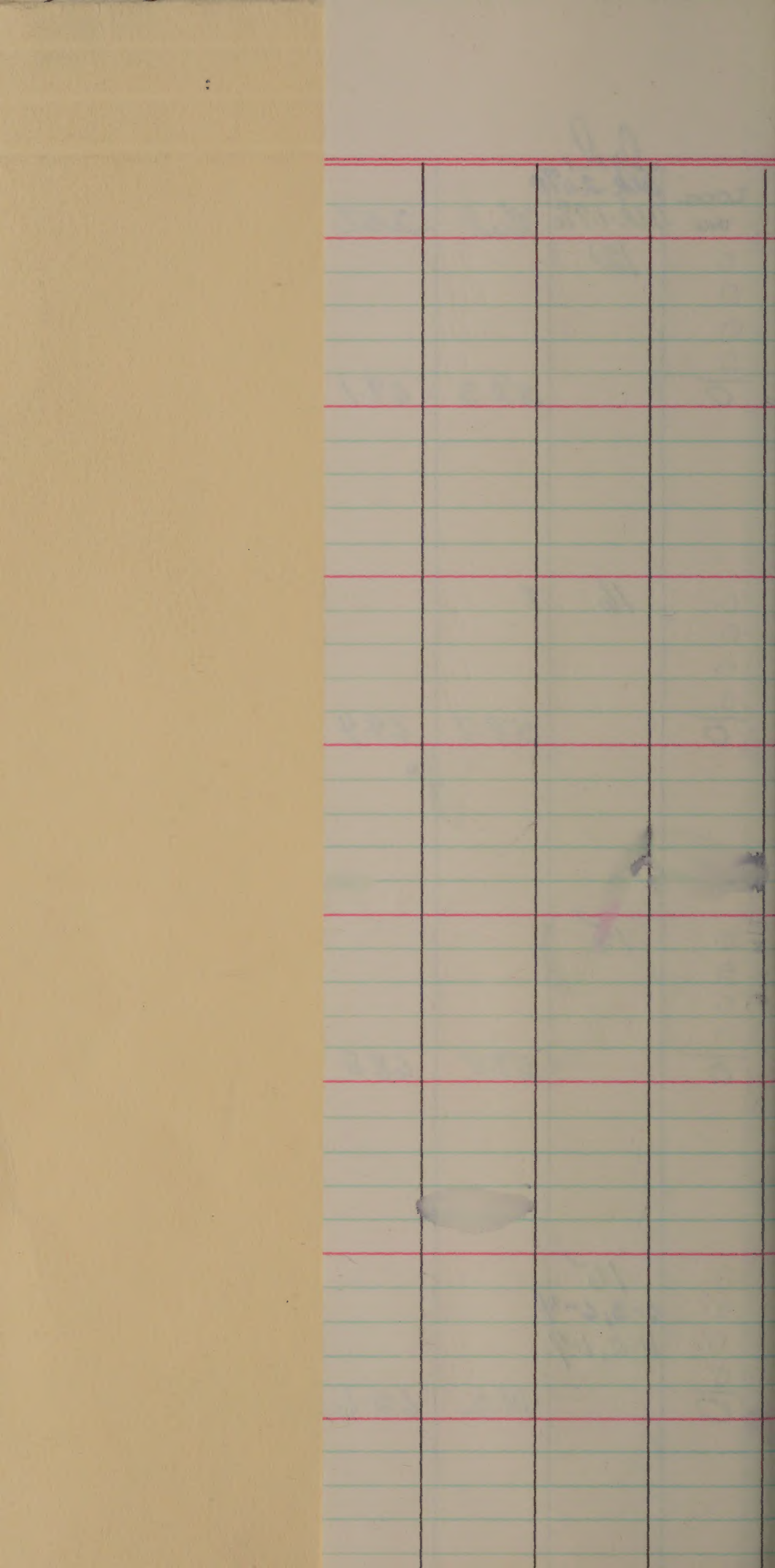
0

57.8 68.8

15
6-3, 6-4
11-2, 1-7

0

48.2 62.6



YIELD DATA

				GMS. PER ROW	CRE YIELD LBS.	BL.
				1014		
				1018		
				1097		
				970		
				4099	5267	
				1119		
				1230		
				1170		
				1113		
				4632	5952	
				1225		
				1225		
				1240		
				1111		
				4801	6169	
				926		
				884		
				964		
				945		
				3719	4779	

45

	ORDER No.	Date		Plant hgt. (in.)
		1st Head	Full Ripe	
St. 654128	145	7/14	8/20	52
(St. 9187-9453) x (8.50-Rose)	243	7/14	8/20	52
	355	7/14	8/20	49
C.I. 9717	442	7/14	8/20	49
(45)		<u>7/14</u>	<u>136</u>	<u>51</u>
		(99)		

46

TRICHUNDA NATIVE No. 1	146	7/14	8/24	37
P.I. 271672	252	7/16	8/24	36
	349	7/14	8/24	36
	456	7/16	8/24	35
(46)		<u>7/15</u>	<u>140</u>	<u>36</u>
		(100)		

47

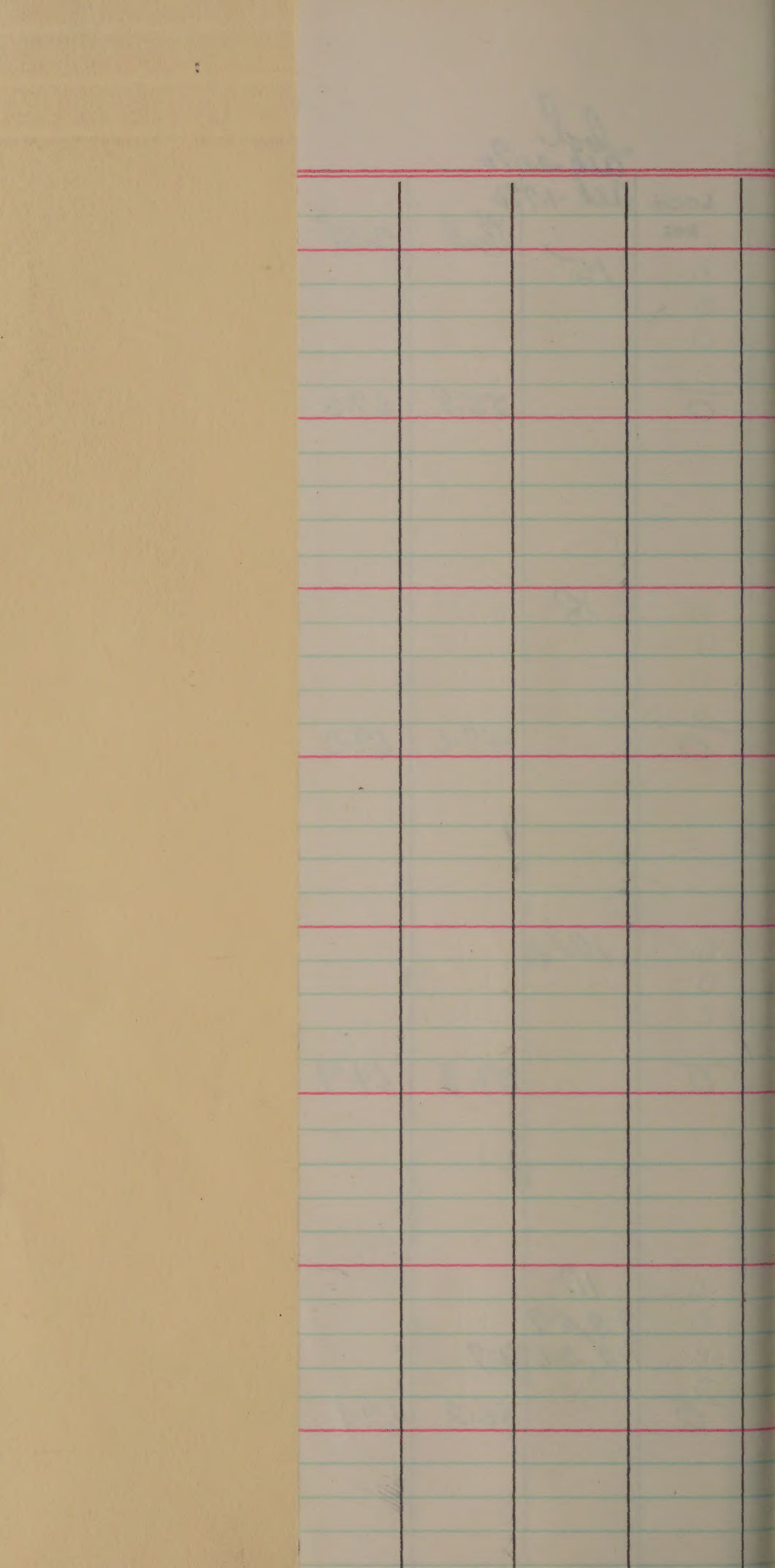
Pro. 69C5136	147	7/21	8/24	47
C.I. 9439 x CH ₀	256	7/22	8/24	49
	343	7/21	8/24	47
C.I. 9820	451	7/22	8/24	49
(Pro. 69C5136)		<u>7/22</u>	<u>140</u>	<u>48</u>
		(107)		

48

B6335A2.2.6	148	7/7	8/17	43
C.I. 9545 x DAWN	245	7/8	8/17	43
	352	7/8	8/17	43
C.I. 9829	455	7/8	8/17	42
(1374)		<u>7/8</u>	<u>133</u>	<u>43</u>
		(93)		

Incl.
 Ask 2.070
 Ask - 1.770

LODGING	Head	Total
15	55.8	67.6
18	47.6	69.0
12	51.3	64.9
10 7-3, 5-7 7-2, 2-6, 3-7	56.2	67.1



YIELD DATA

				GMS PER ROW	GRC YIELD	
					LB.	BL.
				1003		
				998		
				1062		
				1032		
				<u>4095</u>	5262	
				1310		
				1291		
				1278		
				1235		
				<u>5114</u>	6571	
				1073		
				1084		
				1043		
				1145		
				<u>4345</u>	5583	
				969		
				895		
				1097		
				970		
				<u>3931</u>	5051	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
49	68 Cro. 5165	149	7/21	8-27	47
	SS 70/10 X 13d-N/1 4700	248	7/21	8-27	47
		341	7/21	8-27	46
	CI. 9705	453	7/21	8-27	46
	(49)		7/21	143	47
	some point buds (very sturdy very leafy)		(106)		
50	Stg 664652	150	7/14	8-27	48
	(CI. 9453-B.50) X CI. 9187	241	7/14	8-27	48
		353	7/14	8-27	46
	CI. 9812	446	7/14	8-27	46
	(Stg 115-18(204))		7/14	143	47
	tall late segs;		(99)		
51	Stg 653355	151	7/13	8/24	49
	(CI. 9453-B.50) X CI. 9187	254	7/14	8/24	47
		344	7/13	8/24	47
	CI. 9698	452	7/14	8/24	46
	(Stg 2664)		7/14	140	48
			(99)		
52	STARBONNET	152	7/16	8/24	48
		242	7/17	8/24	48
	CI. 9584	354	7/17	8/24	47
		449	7/17	8/24	48
	(52)		7/17	140	48
	some slight; dried leaves;		(102)		

LODG.
ING

○
○
○
○
○
C

0
0
0
0
—
0

0

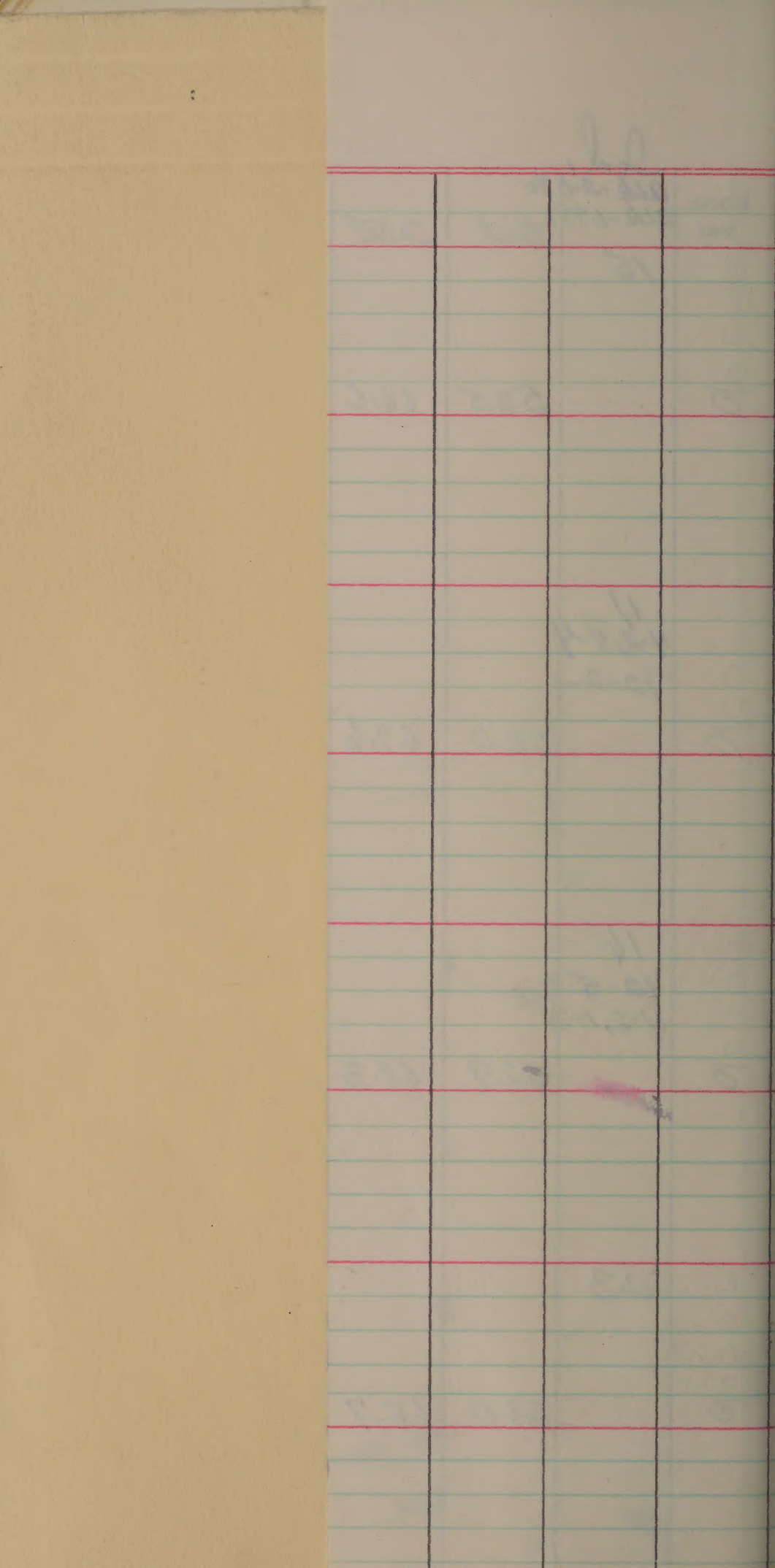
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5

0
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0
0

0

②



YIELD DATA

				GMS PER ROW	GRE YIELD LBS.	BL.
				1128		
				1042		
				1093		
				1130		
				<u>4393</u>	5645	
				1325		
				1270		
				1281		
				1330		
				<u>5206</u>	6690	
				1257		
				1136		
				1143		
				1168		
				<u>4704</u>	6045	
				1044		
				963		
				1013		
				1037		
				<u>4057</u>	5213	

53

St 654774

ORDER
No.

153

7/14

Date

8-27

Plant
hgt.
(in.)

49

(CI 9187) da. X (B.50 - Rex)

255

7/14

8-27

48

348

7/13

8-27

48

CI. 9719

445

7/14

8-27

47

(53)

7/14

143

48

(99)

54

Dnf. TPUNK. X BB-50

154

7/24

9-3

57

(CRo.)

246

7/25

9-3

56

CI. 9551

351

7/25

9-3

56

443

7/25

9-3

57

(54)

7/25

150

57

very tall

(110)

55

St 673132

155

7/13

8-27

43

St. 9402 X DAWN

250

7/13

8-27

44

CI. 9813

345

7/13

8-27

45

447

7/13

8-27

45

(St. 11-76(293))

7/13

143

44

mod. slight in III
many dry leaves;

(98)

56

St 653686

156

7/14

8-27

48

(St. 9453-B.50) X Cr. 9187

244

7/13

8-27

48

347

7/12

8-27

47

CI. 9654

450

7/14

8-27

48

(56)

7/13

143

48

(98)

variable

lod
alk 2.0%

alk -1.7%

LODG.
ING

Head Total

0
0
0
0
0
0

51.3 63.6

60 9-3

0
0
0
0

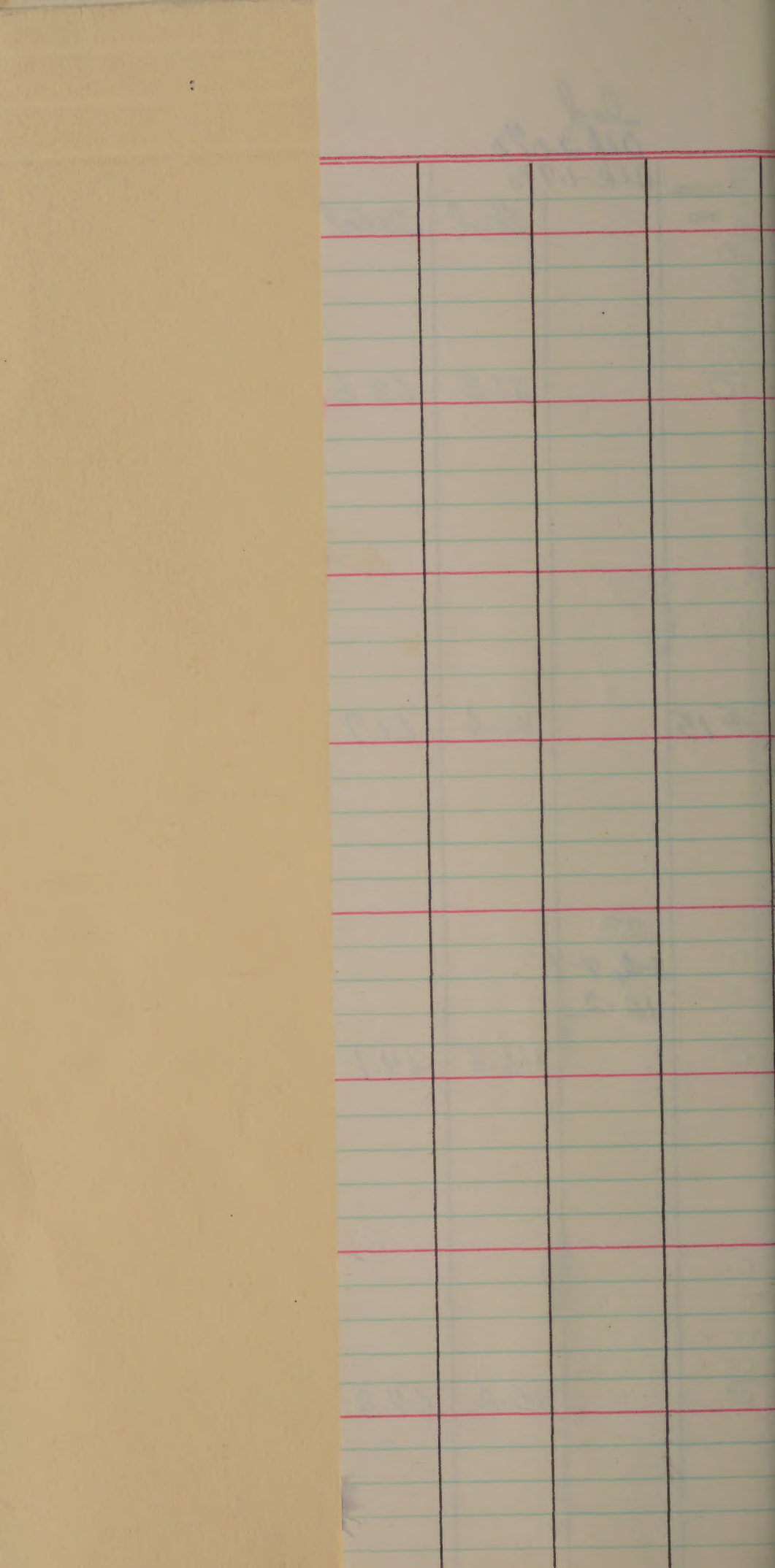
15 46.6 61.9

0
0
0
0
0
0
23
8-2, 4-4
12-2

0 46.8 64.1

0
0
0
0
0
0

50.2 67.3



GROUP VI
 Del. 16E
 Sown: 4-6
 Emerg: 4-15

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
101	NATO X RR-BOZU	161	6-22	7/21	41
		265	6-22	7/21	43
	CI. 9623	366	6-22	7/21	43
		470	6-22	7/21	42
	(101)		6-22	106	42
			(77)		
102	B6311A5553-16-2	162	6/27	7-28	49
	BELLE P. X DAWN	267	6/27	7-28	50
		370	6/27	7-28	49
	CI. 9830	474	6/27	7-28	48
	(334)		6/27	113	49
	1970 INCREASE OF 68-1239, FIELD #4 MID-SECTION				
	1970 E. LAKE 405				
	colorless ap				
	straightened symptom.				
			(82)		
103	B6311A55P4-5-8	163	6/26	7-27	50
	BELLE P. X DAWN	276	6/26	7-27	50
		368	6/26	7-27	49
	CI. 9708	462	6/25	7-27	47
	(103)		6/26	112	49
	1970 INCREASE OF 68-1208, FIELD #4, SOUTH SECTION				
	purple ap				
	straightened symptom?				
	1970 E. LAKE 456				
			(81)		
104	St. 675536	164	6/27	7-27	49
	BELLE P. X CI. 9187	273	6/26	7-27	51
		361	6/26	7-27	47
	CI. 9814	476	6/26	7-27	46
	(St. VVS-38(310))		6/26	112	48
	straightened symptom				
			(81)		

Isol

LODG. ING		Had	Total
0			
30%	7/8		
20%	7/17		
0			
<u>12</u>		67.9	70.3

alk - 2.0%
alk - 1.7%

0	16		
5%	7/27		
0	6-2, 6-3		
0	12-2		
<u>12</u>		53.2	66.2

0			
0			
0			
0			
0			
<u>0</u>		59.6	68.7

0	17		
60%	7/27		
0	6-3, 6-4		
0	12-2		
<u>15</u>		47.1	63.6

TOTAL
YIELD

Hv.	GM/P.	LL/A.	LL/A.
10/14	125 201 181 <u>148</u> 655	842	6080
10/14	172 236 188 <u>218</u> 814	1046	5989
	95 221 153 <u>130</u> 599	770	5879

YIELD DATA

GMS. PER ROW	ACRE YIELD
	LBS.

681

618

557

644

2500

3213

886

1020

1100

1070

4076

5238

937

958

1000

952

3847

4943

950

961

1083

982

3976

5109

105

	ORDER No.	Date		Plant hgt. (in.)
		1st Head	Full Ripe	
B6311A5553-16.4	165	6/27	7-27	51
BELLE P. X DAWN	275	6/27	7-27	50
	369	6/27	7-27	49
CI. 9831	472	6/27	7-27	48
(333)		6/27	112	50
1970 INCREASE OF '68-1242, FIELD #4, NORTH SECTION				
straighthead symptoms? (82)				
1970 E. LAKE 407				

106

Stg 67M4151	166	7/4	8/7	49
NORTHROSE X PALMYRA	269	7/5	8/5	52
	375	7/5	8/5	54
CI. 9721 *	473	7/5	8/7	51
(106)		7/5	123	52
(90)				
leafy				
* Harvested 2 north				
border rows in IV				
* DO NOT USE THIS W.T.				
IN YIELD CALC.,				
OR TABLES.				

107

Stg 676291	167	6/27	7-29	49
(VEGOLD-CI. 9556) X DAWN	268	6/27	7-29	50
	372	6/27	7-29	48
CI. 9815	461	6/27	7-29	47
(Stg V8-42(314))		6/27	114	49
(82)				

108

CR. 67-5218	168	6/29	7-28	48
NATG/F ₁ X (R-R X 250-MAG)	271	7/1	7-28	47
	374	7/1	7-28	48
CI. 9683	464	7/1	7-28	46
(108)		7/1	113	47
(86)				

LODG.
ING

ask - 1.7%

Head

Total

19

0

6-3, 6-4

12-2

60.8

62.9

1.6

7/27

68

65.7

69.1

0

6-5, 6-4

12-2

55.8

66.2

△

12

68.8

71.5

Stutts Cup

TOTAL
YIELD

Ho'd	Gm./P.	lb./A.	lb./A.
10/14	143		
	230		
	180		
	176		
	<u>729</u>	937	6180
10/14	173		
	221		
	192		
	175		
	<u>761</u>	978	6115
10/14	69		
	132		
	98		
	86		
	<u>385</u>	495	4592

109

St. 663226
 Belle P. X CI. 9187
 CI. 9701
 (109)

ORDER
 No.

169
 272
 376
 463

Date
 1st Head Full Ripe
 6/28 7-28
 6/29 7-28
 6/29 7-28
 6/29 7-28
 6/29 113

Plant
 hgt.
 (in.)

49
 50
 51
 47
 49

(84)

110

B6334A1-1.7
 CI. 9545 X N60A
 CI. 9832
 (1403)

170
 261
 367
 475

7/1 8/7
 7/2 8/7
 7/2 8/7
 7/2 8/7
 7/2 123

47
 50
 49
 48
 49

(87)

variable

111

Pro. 68C5250
 CHo X RR-250M
 CI 9821
 (Pro. 68C5250)

171
 264
 373
 468

6/30 8/7
 7/1 8/7
 7/1 8/7
 7/1 8/7
 7/1 123

49
 48
 49
 47
 48

(86)

trace of distorted glumes

112

St. 676450
 (V60LD-129556) X CI. 9187
 CI. 9816
 (St. VSS-44(316))

172
 274
 365
 467

6/27 7-27
 6/27 7-27
 6/27 7-27
 6/28 7-27
 6/27 112

55
 58
 56
 54
 56

(82)

very tall; weak

100%
 alk-2.0%

LODG. IN:	alk 1.7%	Lead	Total
5%	7/27		
50; 90	7/17; 7/27		
90%	7/27		
0	7/27		
46		48.7	63.9

0	47		
80%	8/7		
80%	8/7		
10%	8/7		
42	12-7	63.7	69.4
	1-3, 11-6		

10	8/7		
100%	8/7		
100%	8/7		
40%	8/7		
62	24	52.3	66.2
	6-6, 6-7		
	12-6		

60%	7/27		
80%	7/27		
40%	7/27		
20%	7/27		
50		57.6	68.6
	15		
	6-4, 6-5		
	8-2, 4-3		

Stutts/Cop.

TOTAL
YIELD

Hv.	Gm./p.	lb./A.	lb./A.
10/14	82		
	180		
	84		
	101		
	<u>447</u>	574	5610

10/14	148		
	212		
	152		
	152		
	<u>664</u>	853	5865

YIELD DATA

				GMS. PER ROW	ACRE YIELD
					LBS. BL.
				1002	
				827	
				1062	
				1028	
				3919	5036
				1076	
				1070	
				1074	
				1128	
				4348	5587
				951	
				839	
				1056	
				963	
				3809	4895
				967	
				1008	
				986	
				939	
				3900	5012

113

BELLE PATNA

ORDER
No.

173

263

CI. 9433

371

465

(Fd.)

Date
1st
Head

6/26

6/27

6/27

6/27

6/27

(82)

Full
Ripe

7-27

7-27

7-27

7-27

112

Plant
hgt.
(in.)

52

52

51

50

51

1970 E. LAKE 402

114

BLUE BELLE

174

* 262

CI. 9544

363

471

(Fd.)

7/1

7/2

7/1

7/1

7/1

8/3

8/3

8/3

8/3

119

46

48

48

46

47

* 'B' Rep. Stand reduced early by mist-net

1970 E. LAKE 401

(86)

115

R-2 X 250-Mpx. ROGUE

175

270

CI. 9628-2

364

466

(NO. CI. 9628-2)

7/1

7/2

7/1

7/1

7/1

8/7

8/7

8/7

8/7

123

48

52

50

48

49

(86)

116

B6311A5528-15

176

BELLE P. X DAWN

266

stem

362

CI. 9710

469

(116)

6/25

6/27

6/27

6/26

6/26

(81)

7-27

7-27

7-27

7-27

112

48

50

48

46

48

straightened symptoms?

colorless op

Same as '68-1228 (NO INC.)

1970 E. LAKE 403

Inst.
 Ark. 20%
 Ark. 1.7%

LODG.
 ING

Hand Total

60%	7/27		
80%	7/27		
40%	7/27		
5%	7/27		
46		51.8	66.1

0			
0			
0			
0			
0			
0		53.9	66.1

0	43		
80%	7/27		
0	12-6		
5%	8/7		
21	2-3, 65, 4-6	70.8	73.4

0			
10%	7/27		
0			
0			
Tr.		53.3	68.7

YIELD DATA

GMS. PER ROW	CRE YIELD LBS.	BL.
--------------------	-------------------	-----

1012

997

1120

995

4124

5299

1126

1023

1098

1123

4370

5615

965

799

991

976

3731

4794

934

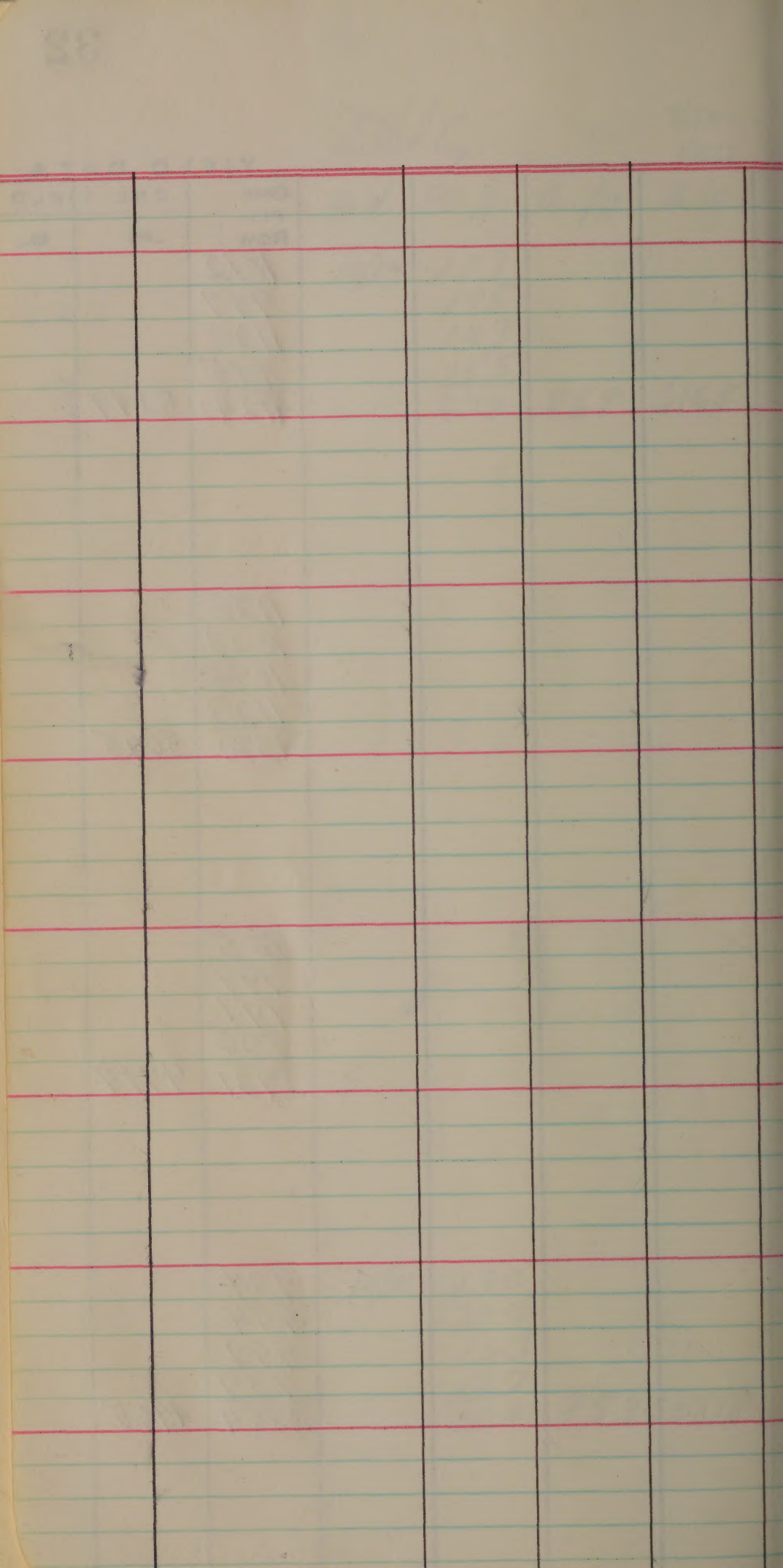
994

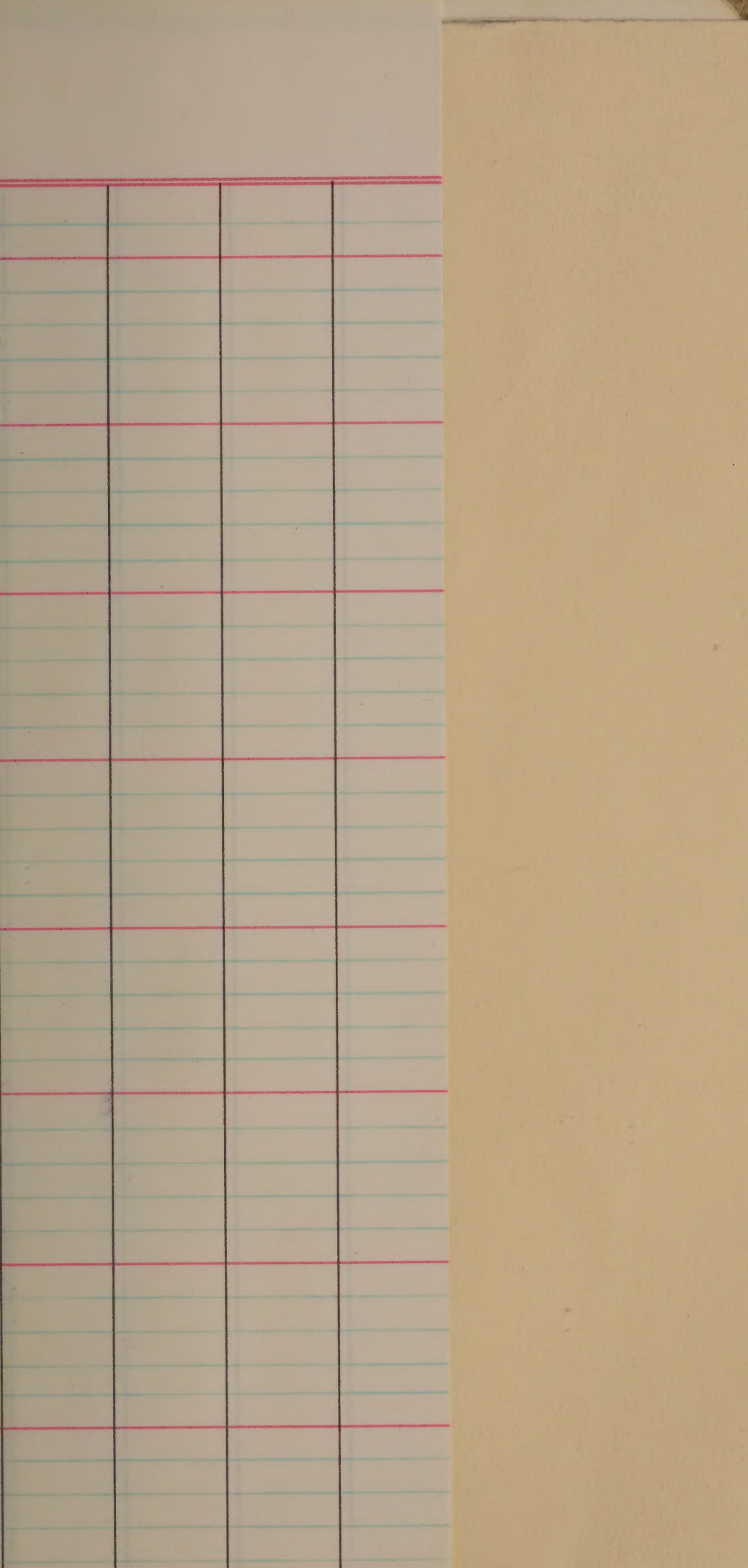
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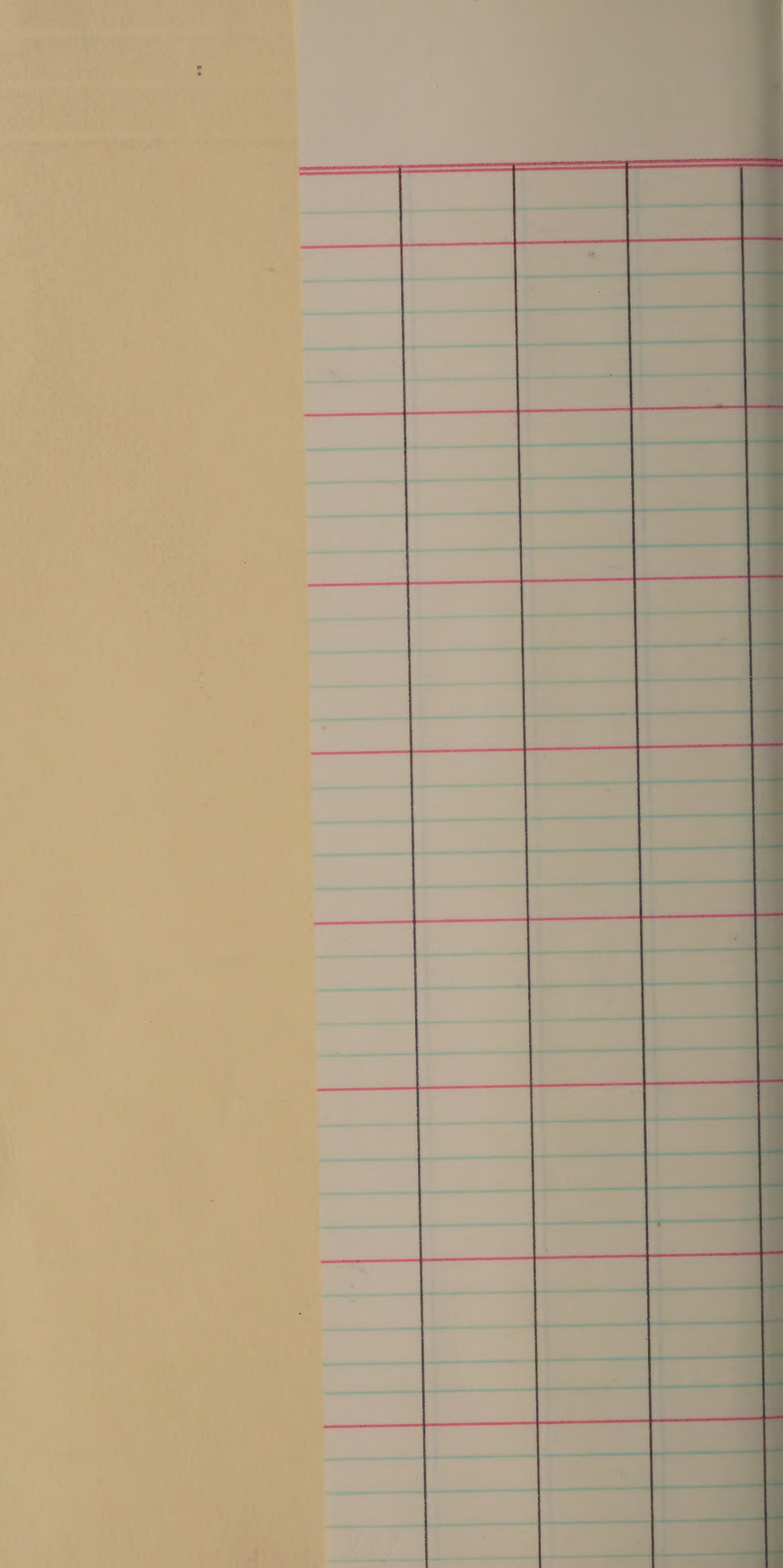
937

3864

4965







[illegible]

GROUP I
Blk. 15E
Sow: 4-6 FLUSHED
EMERG. 4-15

ACTUAL DATES Sow: 4/2
G.P. 6, 182
G.P. 3 4/3

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
301	B6334A2.1.2	1101	7/6	8/13	45
	CI. 9545 X NOVA	1202	7/6	8/13	46
		1304	7/6	8/13	46
		1406	7/7	8/13	46
	(856)		7/6	129	46
	trace of blight Sog. MAT. " HT. 1970 E. LAKE 419				
302	B6334A2.1.8	1102	7/3	8/10	40
	CI. 9545 X NOVA	1204	7/3	8/10	40
		1305	7/3	8/10	42
		1401	7/3	8/10	41
	(8446)		7/3	126	41
	Probably lost Bud. mat! Some variability. 1970 E. LAKE 420				
303	B6334A1.1.7.7-2	1103	7/3	8/10	39
	CI. 9545 X NOVA	1206	7/3	8/10	40
		1302	7/3	8/10	41
		1405	7/3	8/10	39
	(8743)		7/3	126	40
304	B6334A1.1.5	1104	7/5	8/11	41
	CI. 9545 X NOVA	1205	7/5	8/11	42
		1306	7/5	8/11	43
		1402	7/6	8/11	41
	(1402)		7/5	127	42
	variable 1970 E. LAKE 421				

0
0
0
0

0

67.5	70.9
------	------

0000

69.6	72.8
------	------

0
0
0
0

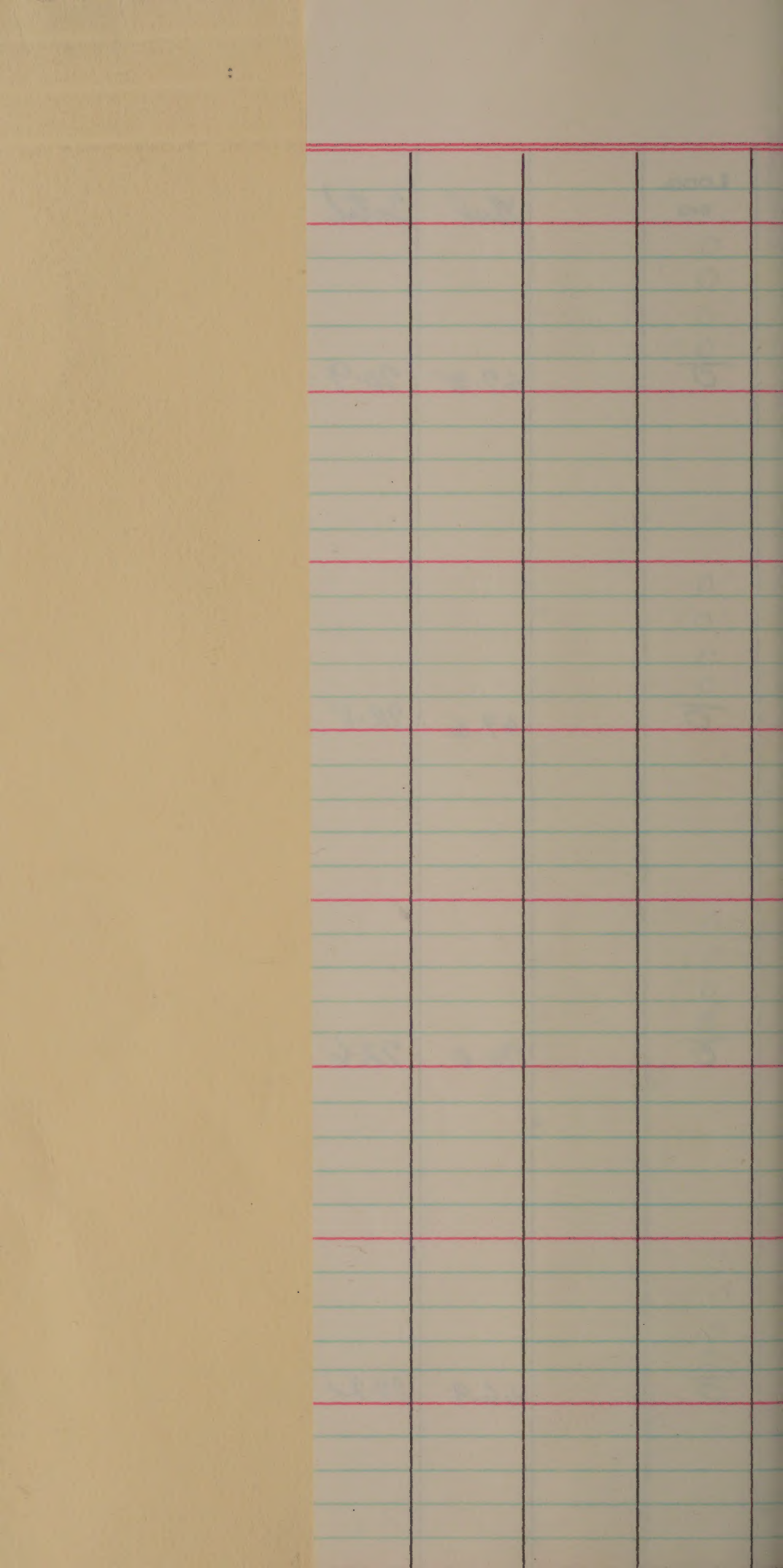
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70.0	72.6
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0
0
0
0

0

66.9	70.2
------	------



YIELD DATA

				GMS. PER ROW	ACRE	YIELD
					LBS.	BL.
				1011		
				1102		
				1216		
				1043		
				4372	5618	
				1177		
				1165		
				1370		
				1260		
				4972	6384	
				874		
				1112		
				1018		
				1072		
				4076	5238	
				1171		
				1190		
				1258		
				1116		
				4735	6084	

305

p/p

B6337A1-B2-²⁸5-5 1105
 (±9545 X (GR. X PI.) 1203
 1301
 1403
 (8941)

ORDER
No.

Date

1st
HeadFull
RipePlant
hgt.
(in.)

7/5 8/10 39
 7/5 8/10 40
 7/6 8/10 42
 7/7 8/10 40
 7/6 126 40

• 306

p/p

B6336A2-B2-2-5 1106
 (±9545 X NORTH ROSE 1201
 variable 1303
 early segs. 1404
 (920)

7/7 8/17 47
 7/8 8/17 48
 7/8 8/17 48
 7/8 8/17 47
 7/8 133 48

LODG.
ING

Thud Total

0

0

0

0

0

565 65.5

0

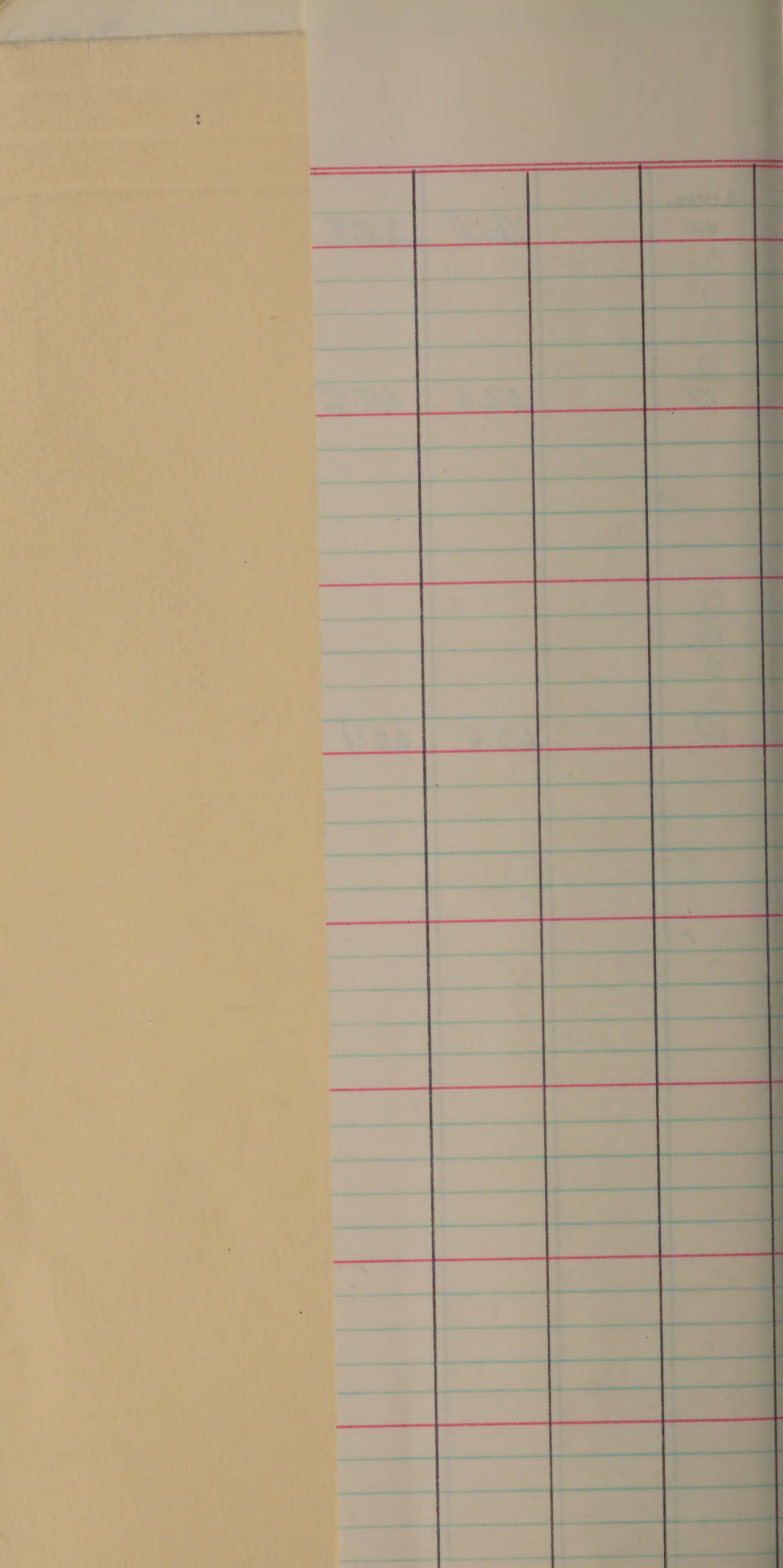
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0

0

0

63.8 68.4



Group II
Blk: 14E
Sown 4-6
EMER 6: 4-15

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
311	B6616A3-26-BK-10	1111	6/27	7-28	42
	BLUEBELLE X (B.P. X D.)	1214	6/25	7-28	41
		1316	6/26	7-28	43
		1412	6/26	7-28	41
	(645)		6/26	113	42
	stem; purple sp.				
	1970 E. LAKE 415				
312	B6616A3-26-BK-6	1112	6/27	7-28	44
	BLUEBELLE X (B.P. X D.)	1216	6/27	7-28	47
		1313	6/27	7-28	43
		1411	6/27	7-28	44
	(4759)		6/27	113	45
	stem; purple sp.				
313	B6616A4-34-BK-5	1113	6/30	8/3	48
	BLUEBELLE X (B.P. X D.)	1212	6/29	8/3	48
		1315	6/30	8/3	48
		1416	7/1	8/3	47
	(4840)		6/30	119	48
	stem; purple sp.				
314	B668A1-25-BK-15	1114	6/28	7-28	44
	(B2.B. X D.) X (B.P. X D.)	1215	6/27	7-28	44
		1312	6/28	7-28	44
		1415	6/29	7-28	44
	(660)		6/28	113	44
	gold; purple sp trace straightened symptoms more sterility?				
	1970 E. LAKE 417				

LODG-
ING

Head Total

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

53.6

66.0

52.6

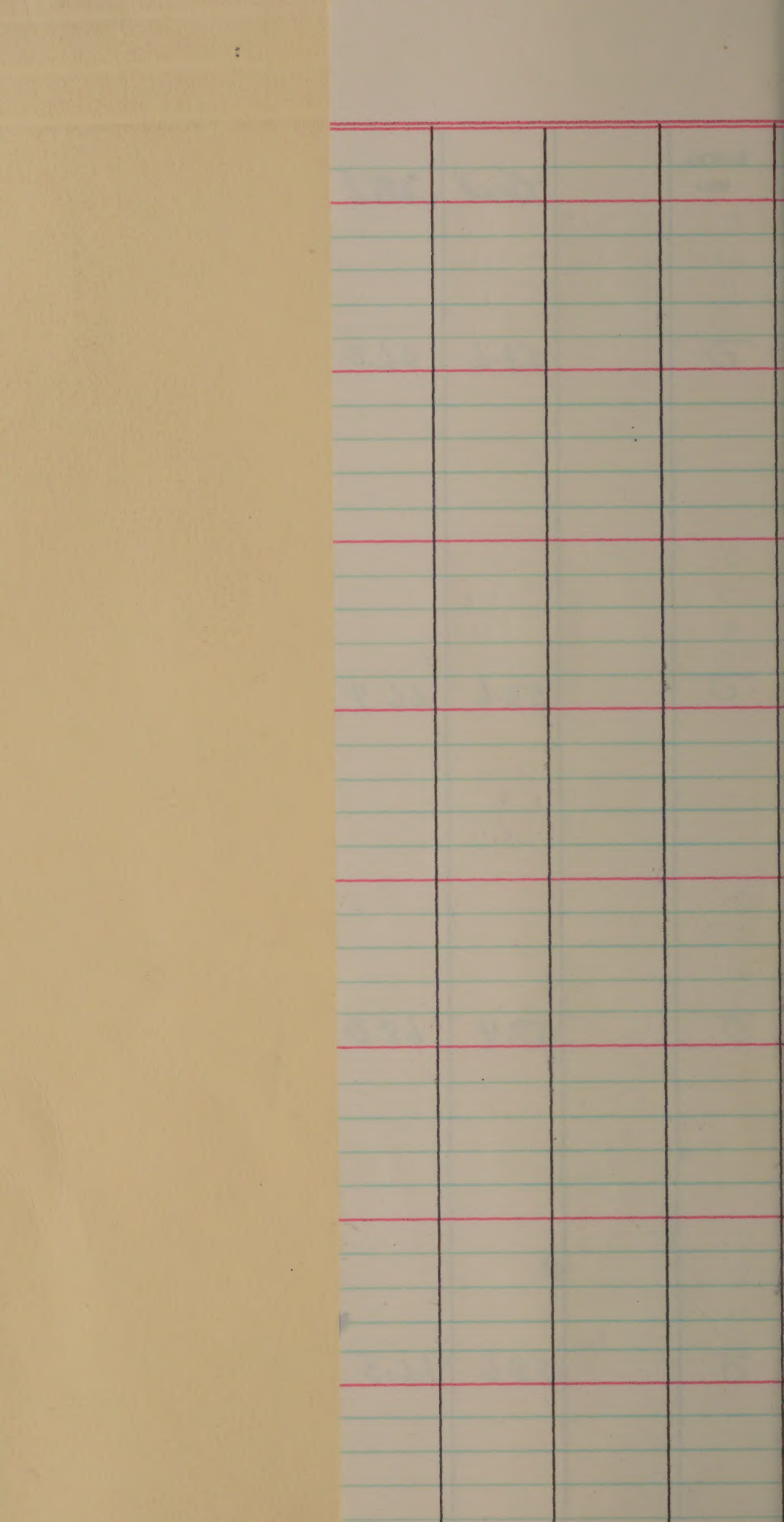
66.4

57.4

68.0

53.6

66.5



315

	ORDER No.	Date		Plant hgt. (in.)
		1st Head	Full Ripe	
B66/6A4-34-BK-22	1115	7/1	8/3	48
B.L.B. X (B.P. X D.)	1211	7/1	8/3	47
	1314	7/1	8/3	47
	1413	7/1	8/3	46
(4886)		7/1	119	47

stems; colorless sp.
beautiful big lgt!
upright plant but
rather wide & long; overall looks good!

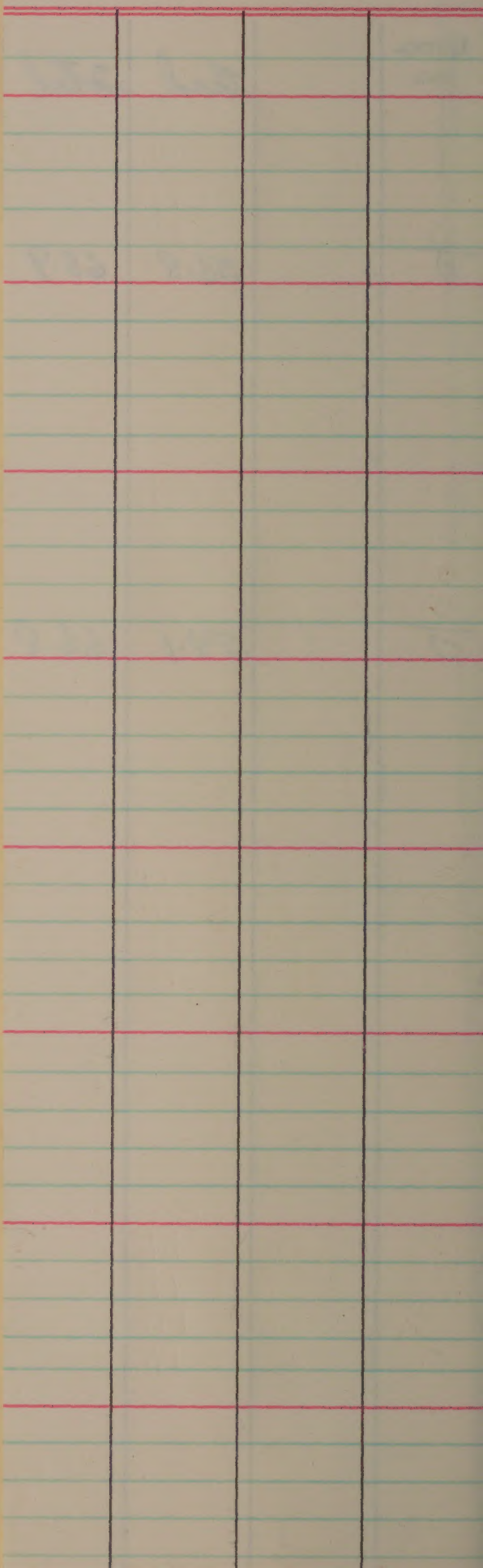
316

B66/6A2-38-BK-3	1116	6/28	8/3	47
B.L.B. X (B.P. X D.)	1213	6/27	8/3	43
	1311	6/27	8/3	44
	1414	6/27	8/3	43
(633)		6/27	119	44

stems; colorless sp.

1970 E. LAKE 418

LODG. ING	Head	Total
0		
0		
0		
0		
<u>0</u>	56.8	68.9
0		
0		
0		
0		
<u>0</u>	54.1	66.8



GROUP III
 Blk. 13E
 Sour: 4-6
 FNEAG. 4-15

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
321	B6335A2-2-3-4-4	1121	7/7	8/17	42
	CI. 9545 X DAWN	1226	7/7	8/17	42
		1323	7/7	8/17	42
		1422	7/7	8/17	43
	(7835)		7/7	133	42
	gold; short;				
322	B6335A1-3-3-2	1122	7/5	8/17	42
	CI. 9545 X DAWN	1221	7/6	8/17	42
		1325	7/6	8/17	41
		1424	7/6	8/17	41
	(7483)		7/6	133	42
	gold; short;				
323	^[-2] B6335A2-2-3-4	1123	7/7	8/17	44
	CI. 9545 X DAWN	1225	7/7	8/17	44
		1326	7/7	8/17	42
		1421	7/7	8/17	44
	(7828)		7/7	133	44
	gold; more; short;				
324	B6210A1-7.1-3-6	1124	7/4	8/10	42
	DAWN X CI. 9187	1223	7/4	8/10	43
		1321	7/4	8/10	41
		1425	7/4	8/10	42
	(669)		7/4	126	42
	short; sturdy; uniform; stem				

LOGG.
ING

Head Total

010000

55.6 69.0

010000

51.8 69.7

010000

55.4 69.9

010000

48.4 65.2

[illegible]

YIELD DATA

LODG. ING				GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
				971		
				1048		
				1067		
				1062		
				<u>4148</u>	5330	
				917		
				950		
				991		
				1022		
				<u>3880</u>	4986	
				1063		
				994		
				969		
				1027		
				<u>4053</u>	5208	
				1134		
				1115		
				1060		
				1029		
				<u>4338</u>	5574	

• 325

B6210A1-7.1.3-4

DAWN X CT. 9187

(672)

ORDER
No.

1125

1222

1324

1426

Date
1st
Head

7/4

7/4

7/5

7/5

7/5

Full
Ripe

8/10

8/10

8/10

8/10

126

Plant
hgt.
(in.)

42

43

43

42

43

short; sturdy; uniform;
stem;

• 326

B6210A1-18-1-1-2

DAWN X CT. 9187

(674)

1126

1224

1322

1423

7/4

7/5

7/7

7/7

7/6

8/11

8/11

8/11

8/11

127

43

45

43

44

44

mod. short; sturdy;
uniform;

LODG.
ING

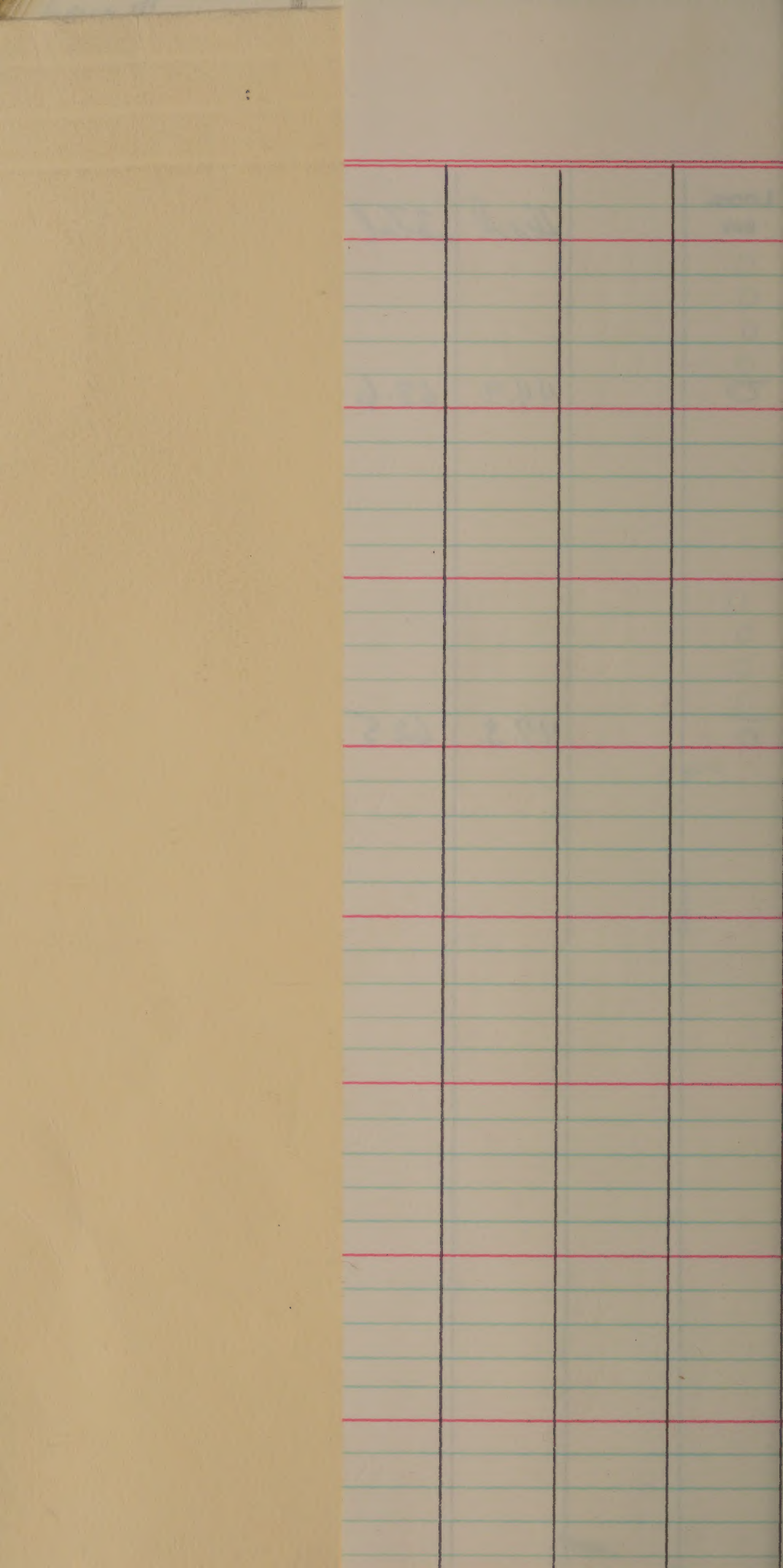
0
0
0
0
0
0

Head 2nd

44.9 63.6

0
0
0
0
0
0

47.3 62.5



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	BL.
1080		
1069		
1064		
1051		
4264	5479	
1077		
1054		
1022		
1003		
4156	5340	

GROUP VI

Bel 16E

Sown: 4-6

EMERG: 4-15

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Foli Ripe	
331	B6311A5528-12	1131	6/27	7-27	49
	BELLE P. X DAWN	1232	6/27	7-27	51
		1336	6/28	7-27	50
	straw	1435	6/28	7-27	48
	(301)		6/28	112	50
	Same as '68-1225 (NO INC.) 1970 E. LAKE 409				
332	B6311A5529-1	1132	6/26	7-27	48
	BELLE P. X DAWN	1236	6/27	7-27	47
		1334	6/27	7-27	49
	straw	1432	6/26	7-27	46
	(332)		6/27	112	48
	Same as '68-1231 (NO INC.) 1970 E. LAKE 410				
333	B6311A5528-45 ²⁹	1133	6/26	7-27	47
	BELLE P. X DAWN	1235	6/27	7-27	48
		1332	6/28	7-27	47
	straw	1434	6/27	7-27	45
	(1235)		6/27	112	47
	1970 E. LAKE 411				
334	B6311A5541-9-2	1134	6/29	8/3	47
	BELLE P. X DAWN	1231	6/29	8/3	49
	straw	1333	6/30	8/3	50
		1436	6/30	8/3	47
	(1209)		6/30	119	48
	1970 E. LAKE 412				

LOGG- ING		Hand	Total
0			
10%	7/27		
5%	7/27		
0			
<u>4</u>		50.9	65.3

0			
0			
0			
0			
<u>0</u>		56.1	68.7

0			
0			
0			
0			
<u>0</u>		54.2	67.2

0			
0			
0			
0			
<u>0</u>		55.7	68.8

Stubble Crop.

YIELD

Held.	G.M./p.	lb./A	TOTAL lb./A
10/14	114 206 157 152 <u>629</u>	808	5945

10/14	123 217 150 175 <u>665</u>	855	5859
-------	--	-----	------

10/14	147 220 141 174 <u>682</u>	876	5941
-------	--	-----	------

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	lbs.	BL.
935		
1018		
1034		
1011		
<u>3998</u>	5137	
998		
857		
1034		
1005		
<u>3894</u>	5004	
910		
1009		
1070		
953		
<u>3942</u>	5065	
1043		
1009		
1117		
912		
<u>4081</u>	5244	

• 335

B6616A4-22-B4-3 1135
 B2B. X (B.P. X D.) 1233
 1335
 1431
 (1345)

Date		Plant hgt. (in.)
1st Head	Foil Ripe	
6/29	8/3	49
7/1	8/3	50
6/30	8/3	50
7/1	8/3	49
6/30	119	50

1970 E. LAKE 413

• 336

B6616A3-26-B4-5 1136
 B2B. X (B.P. X D.) 1234
 1331
 1433
 (628)

6/25	7-27	48
6/26	7-27	48
6/25	7-27	46
6/25	7-27	45
6/25	112	47

Staighthead symptoms?
 1970 E. LAKE 414

LOGGING			
0			
0			
0			
0			
0			
0		58.6	68.7

Stubb's Co.

YIELD
TOTAL

HV'd, GM. / P.

lb. / A.

lb / A

10/14

210

264

166

208

848

1090

6258

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	BL.

1156

1191

1173

1181

4701

6041

838

1091

1083

1010

4022

5168

1970

N.-V.

Dup. PLOTS

EAGLE LAKE

YIELD TEST

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

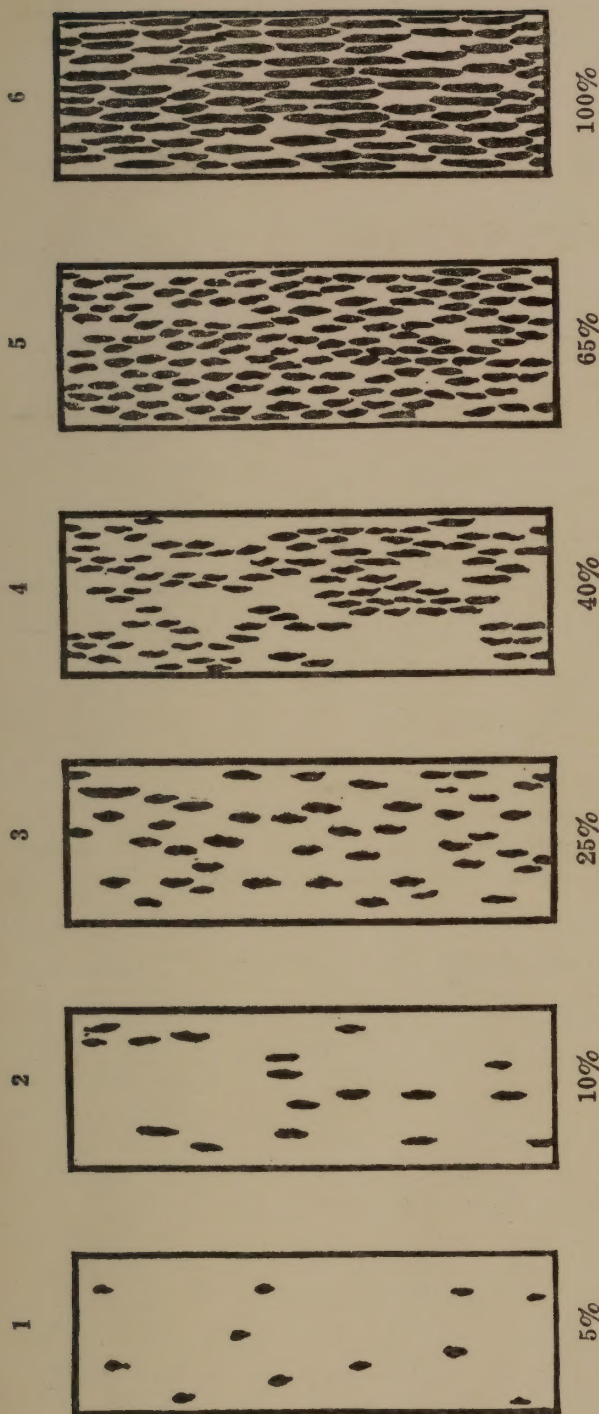


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Group I

BLH 12E

ACTUAL DATE SOWN: 4-3

1101-1122

SOWN: 4-6 FLUSHED

EMERGED: 4-15

SOWN SOUTH TO NORTH IN TIER.		SEEDING ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1101	BLUEBELLE	119	6/24	7-22	48
	CI. 9544	214	6/24	7-22	48
		308	6/25	7-22	48
		402	6/24	7-22	47
			6/25	107	48
Bella Patum through error! (F.d.)					
1102	BLUEBELLE	104	6/25	7/28	52
	CI. 9544	205	6/25	7/28	51
		312	6/26	7/28	51
		417	6/27	7/28	49
			6/26	113	51
Bella Patum (F.d.)					
1103	DAWN	109	7/9	8/17	53
	CI. 9534	208	7/9	8/17	52
		321	7/12	8/17	50
		412	7/11	8/17	48
			7/10	133	51
(F.d.)					
1104	DAWN	110	7/11	8/20	58
	CI. 9534	208	7/11	8/20	56
		320	7/16	8/20	57
		416	7/15	8/20	56
			7/13	136	57
(F.d.)					

YIELD

BORDER Row

MAIN PLOT

YIELD DATA

LOADING	GMS/PLOT	LB./A.	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	659		910		
0	621		914		
0	635		915		
0	541		863		
0	2456	4208	3602	4629	
0	689		873		
0	730		896		
20% 3/2	904		1038		
0	542		857		
5	2865	4909	3664	4708	
0	714		942		
0	632		1091		
0	580		792		
0	761		976		
0	2687	4604	3801	4884	
0 1/2	818		1064		
10 %	— 880 average		930		
0	908		916		
0	915		1172		
T2.	3521	6033	4082	5245	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1105	SATURN CI. 9540	121	7/4	8/12	44
		215	7/6	8/12	47
		304	7/5	8/12	47
		413	7/7	8/12	46
		(1105)	7/6	128	46

1106	SATURN CI. 9540	117	7/4	8/12	51
		221	7/9	8/12	54
		310	7/7	8/12	51
		403	7/5	8/12	51
		(1105)	7/6	128	52

1107	NOVA-66 CI. 9481	122	7/12	8/17	48
		203	7/13	8/17	52
		301	7/12	8/17	50
		421	7/17	8/17	48
		(1107)	7/14	133	50

1108	NOVA-66 CI. 9481 *	111	7/12	8/21	57
		209	7/13	8/21	60
		315	7/15	8/21	62
		419	7/16	8/21	59
		(1107)	7/14	137	60

must not leave in plot 209
* no yield on 1108 B

YIELD
BORDER Row

MAIN Plot

YIELD DATA

LODG. ING	GMS/ Plot	LB/A	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	694		1115		
0	637		1142		
0	810		988		
0	667		1110		
0	2808	4811	4355	5596	
100%	940		897		
80%	813		662		
100%	871		715		
100%	929		922		
97	3553	6088	3196	4107	
0	613		1015		
0	641		963		
0	700		1120		
0	579		840		
0	2533	4340	3938	5060	
10	830		745		
60%	829		—	882 av.	
0	803		968		
0	738		933		
18	3200	5483	3528	4533	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1109	NATO C.I. 8998 *	101	7/8	8/17	52
		207	7/9	8/17	55
		314	7/10	8/17	57
		418	7/12	8/17	51
		(1109)	7/10	133	54
* turned by market not					
1110	NATO C.I. 8998	107	7/10	8/17	59
		202	7/10	8/17	60
		313	7/12	8/17	60
		420	7/15	8/17	59
		(1109)	7/12	133	60
1111	PI. 281760 Fanny	114	6-19	7-22	27
		219	6-20	7-22	30
		311	6-19	7-22	30
		404	6-19	7-22	28
		(2027-31)	6/19	107	29
1112	PI. 281760 Fanny	105	6-19	7-22	30
		217	6-19	7-22	30
		303	6-19	7-22	30
		411	6-19	7-22	30
		(2027-31)	6/19	107	30

YIELD
BORDER Row

YIELD DATA

'LODG IN.	GM./PLOT	LB./A.	GMS. PER ROW	ACRE YIELD	
				LBS.	SL.
0	732		1151		
0	527		—	999 average	
20%	586		998		
0	626		849		
5	2471	4234	3997	5136	
80%	900		627		
80%	826		600		
100%	878		751		
80%	624		545		
85	3228	5531	2523	3242	
0	450		644		
0	450		581		
0	500		719		
0	475		811		
0	1875	3213	2755	3540	
0	436		885		
0	512		902		
0	529		937		
0	527		930		
0	2004	3434	3654	4695	

1113

B6612A2-45-BK-8

115

6/28

7-22

39

BLUEBELLE $\frac{1}{2}$ X DAWN

222

6/28

7-22

40

302

6/28

7-22

39

407

6/28

7-22

38

(562)

6/28

107

39

Bluebell plant type

1114

B6612A2-45-BK-8

102

6/30

8/3

45

BLUEBELLE $\frac{1}{2}$ X DAWN

216

6/30

8/3

44

319

6/30

8/3

45

405

6/30

8/3

42

(562)

6/30

119

44

Bluebell plant type

1115

B6334A2-1-8-6-2

120

7/7

8/14

38

CI. 9545 X NOVA

213

7/8

8/14

38

307

7/7

8/14

36

401

7/7

8/14

35

(908)

7/7

130

37

trace of green blight

1116

B6334A2-1-8-6-2

106

7/5

8/17

42

CI. 9545 X NOVA

212

7/7

8/17

43

318

7/12

8/17

45

409

7/8

8/17

42

(908)

7/8

133

43

YIELD
BORDER Row

MAIN PLOT

YIELD DATA

LOGG. ING	G.M./ PLOT	LB./ A.	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	589		877		
0	565		841		
0	588		878		
0	481		898		
0	2223	3809	3494	4490	
0	663		1063		
0	749		1118		
0	762		932		
0	744		1195		
0	2918	5000	4308	5536	
0	781		1227		
0	806		1117		
0	778		1165		
0	706		1192		
0	3071	5262	4701	6041	
0	926		1014		
0	851		1179		
0	769		1110		
0	882		1229		
0	3428	5874	4532	5824	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1117	B6210A1.7.1.3-4	112	7/3	8/12	43
	DAWN X CI. 9187	206	7/4	8/12	43
		322	7/9	8/12	43
		415	7/7	8/12	43
	(5318)		7/6	128	43

Excellent plant type
narrow upright leaves

1118	B6210A1.7.1.3-4	108	7/4	8/17	50
	DAWN X CI. 9187	211	7/5	8/17	50
		305	7/5	8/17	50
		414	7/7	8/17	50
	(5318)		7/5	133	50

Excellent plant type
narrow, upright leaves

1119	CI. 9626	113	7/18	8/12	44
	E _F PEX. MUT. X (R-LAC)	218	7/21	8/12	47
		316	7/22	8/12	48
		422	7/23	8/12	42
	(1119)		7/21	128	45

Excellent

1120	CI. 9626	118	7/18	8/20	50
	E _F PEX. MUT. X (R-LAC)	220	7/24	8/20	53
		306	7/21	8/20	51
		410	7/21	8/20	51
	(1119)		7/21	136	51

same height in
rep II:
Excellent

MAIN PLOT

BORDER Row

YIELD DATA

LODG. INC.	GM/PLOT	LB/A	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	659		1065		
0	693		851		
0	615		806		
0	674		1011		
0	2641	4525	3733	4797	
0	562		1041		
0	712		933		
0	751		1092		
0	841		1095		
0	2866	4911	4161	5347	
0	487		733		
0	514		760		
0	470		729		
0	304		548		
0	1775	3041	2770	3559	
0	408		743		
0	578		658		
0	525		821		
0	523		797		
0	2034	3485	3019	3879	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Fruit Ripe	
1121	CI. 9/87	116	7/12	8/20	47
	R-7689 X (TPX R-SBR)	204	7/12	8/20	49
		309	7/12	8/20	49
		406	7/12	8/20	47
	(121)		7/12	136	48

1122	CI. 9/87	103	7/14	8/21	53
	R-7689 X (TPX R-SBR)	210	7/14	8/21	54
		317	7/16	8/21	54
		408	7/14	8/21	52
	(121)		7/15	137	53

1123	BLK II NE	B6223A1-BK-11-2	124	7/7	8/20	36
		T(N)1 X CI.9545	238	7/7	8/20	36
			329	7/8	8/20	37
			433	7/7	8/20	35
		(1396)		7/7	136	36

In reg I cut 1
center & 1 inside
N border!

1124		B6233A1-BK-11-2	140	7/9	8-27	38
		T(N)1 X CI.9545	232	7/9	8-27	39
			325	7/9	8-27	39
			429	7/9	8-27	36
		(1396)		7/9	143	38

MAIN PLOTBORDER RowYIELD DATA

Lodg. ING.	Gm/Plot	LB/A.	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	681		987		
0	647		996		
0	— 679 average		987	1	
0	709		890		
0	2716	4654	3860	4960	
0	731		976		
0	666		—	977 average	
0	801		933		
0	926		1021		
0	3124	5353	3908	5022	
0	615		1084		
0	702		1062		
0	714		1073		
0	749		1147		
0	2780	4263	4366	5610	
0	848		1070		
0	1034		1231		
0	596		1251		
0	883		1258		
0	3361	5759	4810	6181	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Fruit Ripe	
1125	PI. 321, 290	139	7/1	7-29	34
	BLUEBELLE $\frac{1}{2}$ X T(N)	231	7/1	7-29	33
	IRRI.	335	7/1	7-29	32
		423	7/1	7-29	30
	(1375)		7/1	114	32

1126	PI. 321, 290	143	7/1	7-29	34
	BLUEBELLE $\frac{1}{2}$ X T(N)	228	7/1	7-29	34
	IRRI.	332	7/1	7-29	33
		440	7/1	7-29	34
	(1375)		7/1	114	34

1127	B5813A12.5-1	132	7/21	9-3	52
	PI. 215936 X LRC.	226	7/20	9-3	52
		344	7/21	9-3	47
		434	7/20	9-3	48
	(1115)		7/21	150	49

1128	B5813A12.5.1	130	7/22	9-3	55
	PI. 215936 X LRC.	227	7/23	9-3	58
		336	7/22	9-3	57
		437	7/23	9-3	55
	(1115)		7/23	150	56

MAIN PLOT

BORDER Row

YIELD DATA

LOGG. ING	GM/PLOT	LB/A.	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	475		905		
0	569		988		
0	558		990		
0	433		794		
0	2035	3487	3677	4725	
0	546		1069		
0	482		1073		
0	748		1061		
0	623		1089		
0	2399	4110	4292	5515	
0	975		1125		
0	979		1246		
0	978		1117		
0	689		1175		
0	3621	6204	4663	5992	
20	1118		1107		
40	935		1047		
40	1026		1126		
40	1002		1080		
35	4081	6992	4360	5603	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Fruit Ripe	
1129	CI. 9686	127	7/5	8/12	42
	GR. X PT. 215936	241	7/5	8/12	42
		330	7/5	8/12	44
		438	7/5	8/12	43
	(1129)		<u>7/5</u>	<u>128</u>	<u>43</u>

1130	CI. 9686	125	7/5	8/14	45
	GR. X PT. 215936	230	7/5	8/14	45
		340	7/6	8/14	45
		435	7/5	8/14	45
	(1129)		<u>7/5</u>	<u>130</u>	<u>45</u>

1131	IR-8	126	8/1	9-11	
	PT. 312627	244	8/1	9-11	
		331	8/1	9-11	
		441	8/1	9-11	
	(1131)		<u>8/1</u>	<u>158</u>	

Severe moisture
damage 6/25/70.
NO YIELD

1132	IR-8	128	7/30	9-11	
	PT. 312627	225	7/30	9-11	
		343	7/30	9-11	
		432	7/30	9-11	
	(1131)		<u>7/30</u>	<u>158</u>	

MAIN PLOT

BORDER ROW

LOADING	GM/PLOT	LB/A.	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	702		1111		
0	676		1188		
0	787		1228		
0	645		1040		
0	2810	4815	4567	5869	
0	868		958		
40%	770		1105		
20%	728		1042		
10%	764		1142		
18	3130	5363	4247	5457	
	747		1126		
	618		1185		
	756		—	also 1176	
	932		1216		
0	3053	5231	4703	6043	
	975		1437		
	— (884 average)		1417		
	819		1690		
	858		1427		
0	3536	6059	5971	7673	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	2nd Head	
1133	B6616A3-26-B4-10	133	6/25	7-22	44
	BLUEBELLE X(B.P.XD.)	223	6/26	7-22	42
		341	6/25	7-22	44
		428	6/25	7-22	42
	(646)		6/25	107	43
<i>stems full; calyxes of tree straightened? Ballo Patino plant type?</i>					
1134	B6616A3-26-B4-10	123	6/27	7/28	42
	BLUEBELLE X(B.P.XD.)	237	6/27	7/28	46
		334	6/27	7/28	45
		443	6/28	7/28	43
	(646)		6/27	113	44
1135	STARBONNET	136	7/17	8/21	47
	CI. 9584	243	7/17	8/21	47
		326	7/17	8/21	45
		431	7/17	8/21	47
	(1135)		7/17	137	47
1136	STARBONNET	142	7/20	8/21	52
	CI. 9584	235	7/20	8/21	52
		338	7/20	8/21	51
		425	7/20	8/21	50
	(1135)		7/20	137	51

MAIN PLOT

BORDER Row

YIELD DATA

LOGG- ING	GM./PLOT	LB./A.	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	514		850		
0	566		886		
0	572		852		
0	519		806		
0	2171	3720	3394	4361	
0	666		916		
0	466		945		
0	762		1036		
0	633		1018		
0	2527	4330	3915	5031	
0	663		1007		
0	694		975		
0	628		885		
0	563		970		
0	2548	4366	3837	4931	
0	434		853		
0	608		916		
0	761		917		
0	669		901		
0	2472	4236	3587	4609	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	2nd Head	
1137	T(N)1 PI. 271672	137	7/16	8/21	40
		240	7/16	8/21	39
		327	7/16	8/21	37
		444	7/16	8/21	37
		(1137)	7/16	137	38
1138	T(N)1 PI. 271672	135	7/16	8/21	40
		242	7/17	8/21	40
		339	7/17	8/21	39
		427	7/16	8/21	41
		(1137)	7/17	137	40
1139	CI. 9545 PI. 215936 X CI. 9214	134	7/9	8/17	43
		239	7/9	8/17	41
		323	7/9	8/17	43
		442	7/9	8/17	40
		(1139)	7/9	133	42
1140	CI. 9545 PI. 215936 X CI. 9214	138	7/10	8/21	46
		234	7/10	8/21	50
		342	7/10	8/21	47
		424	7/10	8/21	46
		(1139)	7/10	137	47

MAIN PLOT

BORDER Row

YIELD DATA

LOADING	GM/PLOT	LB/A.	GMS. PER ROW	ACRE YIELD	
				LB.	BL.
40%	872		1836		
0	585	? →	—	1093 average	
0	913		1321		
0	991		1121		
0	3361	5759	4371	5617	
90%	960		1261		
50%	1000		1294		
10%	931		1324		
20%	912		1186		
42	3803	6516	5065	6509	
0	771		1184		
0	805		1168		
0	750		1212		
0	700		1032		
0	3026	5185	4596	5906	
0	870		1055		
0	560		1130		
0	1057		1146		
0	1035		1253		
0	3522	6035	4584	5890	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Ripe	
1141	CI. 9665	129	7/17	8/25	45
	PI 215936 X CI. 9214	224	7/17	8/25	44
		333	7/17	8/25	46
		436	7/17	8/25	45
	(1141)		7/17	141	45

1142	CI. 9665	131	7/21	8/25	50
	PI. 215936 X CI. 9214	229	7/21	8/25	48
		337	7/21	8/25	51
		439	7/21	8/25	49
	(1141)		7/21	141	50

1143	LACROSSE	144	7/14	8-17	57
	CI. 8985	236	7/15	8-17	57
		328	7/15	8-17	56
		426	7/15	8-17	56
	(1143)		7/15	143	57

1144	LACROSSE	141	7/15	8-26	60
	CI. 8985	233	7/15	8-26	62
		324	7/15	8-17	60
		430	7/15	8-17	60
	(1143)		7/15	143	60

↓
1145

MAIN PLOT

BORDER Row

YIELD DATA

LODG. 1/3	GM/ PLOT	LB/A	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	750		1129		
0	781		1134		
0	887		1121		
0	574		1116		
0	2992	5126	4500	5783	
0	665		1252		
0	823		1230		
0	750		1217		
0	744		1186		
0	2982	5109	4885	6277	
0	816		1000		
0	719		1005		
0	834		924		
0	729		985		
0	3098	5308	3914	5029	
40	870		738		
80	759		835		
20	846		779		
10	906		786		
38	3381	5793	3138	4032	

1145

BLUEBELLE

cf. 9544

80#N

94 PLOTS

*
S-1
N-2
S-3
N-4

Ripe

HT.

7-29

42

7-29

39

7-29

41

7-29

38

114

40

* S SOUTH
N NORTH

S1 1st TIER SOUTH SIDE OF BLOC.

MAIN PLOT

Border Row

YIELD

% Lod.	Gm/ Plot	Lb/A	GMS/ Plot	Lb/A
	548		944	
	697		1010	
	634		987	
	592		908	
<u>0</u>	2471	4234	3849	4946

ACTUAL DATE Sown:

BLK. 1+2 4/7

" 3-5 4/8

BLK. I

10 E

Sown: 4-10 FLUSHED

EMERG. 4-18

BLKS. I, II, III & IV : BLUE BELLE *g.* PLOTS. BLK. I 12 Row *g.* NORTH SIDE.

		SEEDING ORDER NO.	Date		Plant hgt. (in.)
			1st Head	1st true	
1201	B6311A5553-16-2	107	6/28	7/31	50
	BELLE P. X DAWN	411	6/28	7/31	49
			6/28	112	50
	(334)		stems		
1202	B6311A5553-16-4	102	6/27	7-29	49
		311	6/26	7-29	50
			6/27	110	50
	(333)		stems		
1203	B6311A5584-5-8	104	6/26	7/28	49
		415	6/26	7/28	48
	Labelle		6/26	109	49
	(103)		stems		
1204	B6311A5528-15	219	6/27	7-29	48
		405	6/28	7-29	48
			6/28	110	48
	(116)		stems		
1205	B6311A5528-2-2	216	6/25	7/28	48
		304	6/26	7/28	49
			6/26	109	49
	(1247)		stems		
1206	B6311A5528-2-4	208	6/26	7/28	48
		420	6/26	7/28	49
			6/26	109	49
	(1249)		stems		
1207	B6311A5553-16-2-3	106	6/25	7-29	49
		402	6/26	7-29	49
			6/26	110	49
	(1253)		stems		
1208	B6311A5528-3-7	105	6/28	7/28	51
		417	6/28	7/28	51
			6/28	109	51
	(1289)		stems		

CF. 2.57 X TOTAL GMS. = LB/A,

13

Army

YIELD DATA

LODQ. ING	AIK	% Dead	% Total	GMS. PER ROW	ACRE	YIELD
					LBS.	BL.
0 0 0	2-2,3-3			971 880 1851	4757	
		52.7	65.8			
0 0 0	6-3			1035 730 1765	4536	
		54.4	66.1			
0 0 0	5-3,1-4			993 776 1769	4546	
		55.7	67.3			
0 0 0	6-3			970 985 1955	5024	
		52.2	65.6			
5% T.L.	1-2,5-3			931 702 1633	4197	
		57.1	66.8			
0 0 0	6-3			989 971 1960	5037	
		54.0	66.0			
0 0 0	1-2,5-3			1000 1075 2075	5333	
		56.0	65.9			
20% 10	6-4			1061 1037 2097	5392	
		53.6	65.0			

		ORDER No.	Date		Plant hgt. (in.)
			1st Seed	Full Rise	
1209	B6311A5541-9-2-9.	221	6/30	8/3	48
	1-2	409	6/30	8/3	47
	BELLE P. X DAWN		6/30	1/15	48
	(2377)		stems		
1210	B6311A5541-9-2-9-1-5	112	6/30	8/3	49
		320	7/1	8/3	48
			7/1	1/15	49
	(2380)		stems		
1211	B6311A5541-9-2-9-4-1	217	6/30	8/3	48
		308	6/30	8/3	48
			6/30	1/15	48
	(2384)		stems		
1212	B6311A4406-3-3-3	215	6/27	8/3	50
		302	6/27	8/3	50
			6/27	1/15	50
	(506)		stems		
1213	B6311A5559-1-4-5-5	213	6/24	7/28	47
		419	6/24	7/28	48
			6/24	1/09	48
	(2597)		stems		
1214	B6311A5561-1-1-4	214	6/23	7/28	50
		401	6/23	7/28	49
			6/23	1/09	50
	(511)		stems		
1215	B6311A5587-12-5-4-1	203	6/29	7/31	50
		314	6/29	7/31	50
			6/29	1/12	50
	(2643)		stems		
1216	B6311A5584-5-8-BK.	210	6/25	7/28	50
		422	6/24	7/28	48
			6/25	1/09	49
	(1267)		stems		

Lodg. ing	Aik	Head	Total	YIELD DATA		
				GMS. PER ROW	ACRE YELD	BL.
0				1045		
0	2-3, 4-4			1018		
0		55.5	65.7	2063	5302	
0				984		
0	6-4			1077		
0		54.8	66.5	2061	5297	
0				1008		
0	1-3, 5-4			1034		
0		54.8	65.4	2042	5248	
0				1005		
0	6-4			1054		
0		51.5	66.2	2059	5292	
0				1087		
0	6-4			1058		
0		51.8	62.8	2145	5513	
0				1008		
0	6-4			1011		
0		50.2	61.9	2019	5189	
0				910		
0	6-4			970		
0		54.6	65.2	1880	4832	
0				971		
0	6-4			872		
0		58.6	62.4	1843	4737	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	F. 1 Ripe	
1217	B6311A5541-9-2-19	121	6/30	8/3	50
		410	6/30	8/3	47
	BELLE P. X DAWN		6/30	1/15	49
	(2389)		stew		
1218	B6311A4433-5-1-3-4	114	6/30	8/3	49
		310	6/30	8/3	48
			6/30	1/15	49
	(2494)		stew		
1219	B6311A5584-16-1-2-2	204	6/27	7/28	50
		421	6/27	7/28	50
			6/27	10/9	50
	(2629)		stew		
1220	B6311A5584-16-2-3-2	118	6/26	7/28	50
		412	6/27	7/28	51
			6/27	10/9	51
	(2634)		stew		
1221	B6616A2-18-BK	116	7/1	8/3	47
	-2-5	315	7/1	8/3	46
	B.L.B. X (B.P. X D.)		7/1	1/15	47
	(4511)		stew		
1222	B6616A3-18-BK	109	6/28	7/31	47
	-BK-4-5	418	6/28	7/31	46
			6/28	7/31	47
	(4551)		stew		
1223	B6616A4-22-BK-5-2	207	6/30	7/31	47
		404	7/1	7/31	45
			7/1	1/12	46
	(4606)		stew		
1224	B6616A4-22-BK-5-4	201	7/1	8/3	45
		313	7/1	8/3	47
			7/1	1/15	46
	(4608)		stew		

YIELD DATA

LOGG- ING	ALK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS	BL.
0 0 0	3-3, 3-4	53.6	66.4	1025 976 2001	5143	
0 0 0	1-3, 5-4	51.8	67.2	1101 1200 2301	5914	
0 0 0	6-4	58.2	66.5	873 940 1813	4659	
0 0 0	6-4	58.4	67.3	918 872 1790	4600	
0 0 0	2-4, 4-5	60.0	67.9	1051 1224 2275	5847	
0 0 0	5-4, 1-5	55.4	66.7	1126 1120 2246	5772	
0 0 0	1-3, 5-4	59.1	68.1	1119 1105 2224	5716	
0 0 0	5-4, 1-5	60.0	69.0	1156 1276 2432	6250	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	2nd Head	
1225	B6616A2-23-BK-69	120	6/24	7/28	50
		303	6/26	7/28	51
	B2B. X (B.P. X D.)		6/25	109	51
	(4640)		stew		
1226	B6616A4-4-BK-BK-2	209	6/29	7/31	50
		301	6/29	7/31	51
			6/29	112	51
	(4911)		stew		
1227	B6616A4-34-BK-BK-5	211	6/30	7/31	51
		306	6/30	7/31	52
			6/30	112	52
	(4919)		stew		
1228	B6616A2-38-BK-1-2	202	6/30	7/31	48
		317	6/30	7/31	48
			6/30	112	48
	(4643)		stew		
1229	B6616A2-38-BK-1-9	117	6/30	8/3	47
		321	6/30	8/3	48
			6/30	115	48
	(4650)		stew		
1230	B6616A2-38-BK-7-4	119	6/29	8/3	46
		312	6/28	8/3	48
			6/29	115	47
	(4665)		stew		
1231	B6616A2-38-BK-17-3	110	6/30	8/3	49
		408	6/30	8/3	50
			6/30	115	50
	(4706)		stew		
1232	B6616A2-38-BK-17-6	212	6/28	7/31	49
		319	6/28	7/31	48
			6/28	112	49
	(4709)		stew		

YIELD DATA

LOADING	A1K	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0				969		
50%	1-3, 4-4, 1-5			1003		
<u>25</u>		46.9	63.1	1973	5071	
0				1071		
0	6-4			1088		
<u>0</u>		60.2	68.6	2159	5549	
20%				1073		
10%	1-3, 5-4			1039		
<u>15</u>		51.0	64.3	2112	5428	
0				1063		
0	6-4			1053		
<u>0</u>		57.7	66.5	2116	5438	
0				1114		
0	6-4			1155		
<u>0</u>		59.4	68.6	2269	5831	
0				1146		
0	1-3, 2-4, 3-5			1187		
<u>0</u>		60.2	69.2	2333	5996	
0				1181		
0	6-4			1220		
<u>0</u>		55.7	66.2	2401	6171	
0				1116		
0	2-3, 4-4			1185		
<u>0</u>		57.0	67.0	2301	5914	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	2nd Head	
1233	B6616A2-38-BK-19.8	205	6/30	7/31	48
		414	6/30	7/31	46
	B2B. X (B.P. X D.)		6/30	1/2	47
	(4721)		stew		
1234	B6616A3-26-BK-6.8	103	6/28	7/31	46
		305	6/28	7/31	48
			6/28	1/2	47
	(4764)		stew		
1235	B6616A3-26-BK-15.2	101	6/28	7/31	46
		407	6/27	7/31	46
			6/28	1/2	46
	(4787)		stew		
1236	B6616A3-26-BK-17.4	111	6/25	7/28	49
		322	6/26	7/28	50
			6/26	109	50
	(4799)		stew		
1237	B6616A3-26-BK-22.6	113	6/27	7/28	48
		307	6/27	7/28	48
			6/27	109	48
	(4811)		stew		
1238	B6616A4-4-BK-8.3	115	6/30	8/3	46
		309	6/30	8/3	46
			6/30	115	46
	(4818)		stew		
1239	B6616A4-4-BK-17.5	218	6/30	7/31	50
		403	7/1	7/31	48
			7/1	112	49
	(4832)		stew		
1240	B6616A4-34-BK-5.9	206	7/1	8/3	52
		316	7/1	8/3	52
			7/1	115	52
	(4846)		stew		

YIELD DATA

Lodg. INC	A1K	Heal	Total	GMS. PER ROW	ACRE YIELD	
					lbs.	bu.
0 0 0	6-4	55.6	66.6	1155 1192 2347	6032	
0 0 0	1-3, 4-4, 1-5	56.5	66.9	990 1041 2031	5220	
0 0 0	3-3, 3-4	54.1	67.0	1032 1056 2088	5366	
0 0 0	1-3, 5-4	56.6	66.2	990 1038 2028	5212	
0 0 0	4-3, 2-4	50.8	64.6	1029 898 1927	4952	
0 0 0	6-4	56.9	68.1	1038 1083 2121	5451	
0 0 0	1-3, 5-4	52.3	63.8	963 1055 2018	5186	
0 0 0	1-3, 5-4	56.2	66.0	1048 1130 2178	5597	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1241	B6616A4-34-BK-12-3	222	7/1	7/28	52
		416	7/1	7/28	50
	B18. X (B.P. X D.)		7/1	109	51
	(4850)		stew		
1242	B6616A4-34-BK-18-4	220	7/2	8/3	51
		413	7/2	8/3	50
			7/2	115	51
	(4861)		stew		
1243	BLUEBELLE	108	7/1	8/7	49
	CI. 9544	318	7/1	8/7	50
			7/1	119	50
	Fd.		gold		
1244	BELLE PATNA	122	6/27	7-29	52
	CI. 9433	406	6/27	7-29	51
			6/27	110	52
	END BIK#I		stew		
	Fd.				
1245	BLK II 9F B6616A4-34-BK-19-9	135	7/1	8/7	50
		326	7/1	8/7	51
			7/1	119	51
	(4876)		stew		
1246	B6616A4-34-BK-22-2	232	7/1	8/3	48
		423	7/2	8/3	46
	Lebonnet		7/2	115	47
	(4881)		stew		
1247	B6616A4-34-BK-26-2	139	6/30	7/31	48
		328	6/30	7/31	51
			6/30	112	50
	(4891)		stew		
1248	B6616A4-34-BK-5	137	7/2	8/7	50
		344	7/1	8/7	49
			7/2	119	50
	(1346)		stew		

YIELD DATA

LODG- ING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
50% 90% <u>70</u>	2-3, 4-4	49.3	61.8	1077 997 <u>2074</u>	5330	
0 0 <u>0</u>	6-4	54.8	67.0	1109 1110 <u>2219</u>	5703	
0 50% <u>25</u>	1-3, 5-4	53.1	63.8	1179 966 <u>2145</u>	5513	
60% 80% <u>70</u>	1-3, 5-4	49.8	64.0	1015 813 <u>1828</u>	4698	
0 50% <u>25</u>	6-4	52.3	65.8	1070 1228 <u>2298</u>	5906	
0 0 <u>0</u>	6-4	60.4	68.2	1171 1164 <u>2335</u>	6001	
0 0 <u>0</u>	2-3, 4-4	56.0	66.1	1062 995 <u>2057</u>	5286	
0 0 <u>0</u>	4-3, 2-4	58.6	67.7	1145 1262 <u>2407</u>	6186	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Fruit Ripe	
1249	B6616A3-26-BK	124	6/27	7/31	56
		333	6/26	7/31	48
	B18. X (B.P. X D.)		6/27	11/2	49
	(1366)		stew		
1250	B6616A2-38-BK-1	136	7/1	8/7	48
		427	7/1	8/7	45
			7/1	11/9	47
	(626)		stew		
1251	B6616A2-38-BK-16	241	6/30	8/3	46
		438	6/30	8/3	45
			6/30	11/5	46
	(637)		stew		
1252	B6616A3-26-BK-1	142	6/23	7-29	48
		334	6/23	7-29	48
			6/23	11/0	48
	(643)		stew		
1253	B6616A3-26-BK	134	6/25	7-29	49
		339	6/25	7-29	48
			6/25	11/0	49
	(1305)		stew		
1254	B651A1-27-BK-1	230	6/28	7/31	47
		444	6/29	7/31	48
	BLUEBELLE X DAWN		6/29	11/2	48
	(527)		gold		
1255	B665A1-43-BK	229	6/28	7/31	48
		434	6/29	7/31	46
	DAWN X BLUEBELLE		6/29	11/2	47
	(533)		gold		
1256	B665A1-49-BK-1	140	7/2	8/11	47
		332	7/1	8/11	45
			7/2	12/3	46
	(538)		gold		

YIELD DATA

LODG- ING	ALK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 0 0	2-3, 4-4	56.6	66.7	987 1045 2032	5222	
0 0 0	1-2, 1-3, 4-4	58.6	67.8	1105 1178 2283	5867	
0 0 0	46-4	58.6	67.1	1176 1076 2252	5788	
0 0 0	3-3, 3-4	53.1	65.4	951 1001 1952	5017	
0 0 0	6-4	55.8	66.2	1010 1056 2066	5310	
0 0 0	2-3, 4-4	53.3	66.6	1040 1075 2115	5436	
0 0 0	6-4	54.7	65.3	985 1119 2104	5407	
0 590 T.A.	6-4	51.1	65.4	1004 1150 2154	5536	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1257	B665A1-43-BK-8	125	6/30	7/31	47
		429	6/30	7/31	45
	DAWN X BLUEBELLE		6/30	11/2	46
	(540)		gold		
1258	B6612A1-16-BK-10	131	7/2	8/11	48
		340	7/1	8/11	46
	BLUEBELLE $\frac{1}{2}$ X DAWN		7/2	12/3	47
	(553)		gold		
1259	B6612A3-4-BK-14	427	6/29	8/3	46
		441	6/30	8/3	47
			6/30	11/5	47
	(3626)		gold		
1260	B6612A3-4-BK-23	128	6/28	8/3	47
		323	6/27	8/3	45
			6/28	11/5	46
	(568)		gold		
1261	B661A1-25-BK	141	6/29	7/31	50
		338	6/27	7/31	49
	B2B. X (B.P. X D.)		6/28	11/2	50
	(574)		gold		
1262	B661A1-19-BK-8	224	7/1	8/7	48
		337	7/1	8/7	47
			7/1	11/9	48
	(583)		gold		
1263	B661A1-28-BK-22-5	240	7/2	8/7	48
		433	7/2	8/7	46
			7/2	11/9	47
	(8850)		gold		
1264	B661A1-33-BK-4	227	6/30	8/3	48
		443	6/30	8/3	48
			6/30	11/5	48
	(590)		gold		

YIELD DATA

LODG. ING	A1K	Head	Tail	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 0 0	2-3, 4-4	57.8	67.1	1050 1048 2098	5392	
0 0 0	2-3, 4-4	58.7	69.3	1134 1132 2271	5836	
0 0 0	3-3, 3-4	52.6	65.8	1103 1131 2234	5741	
0 0 0	1-3, 4-4, 1-5	49.1	64.0	1047 1052 2099	5394	
0 0 0	6-4	520	64.5	1017 1103 2120	5448	
60% 100% 20	5-4, 1-6	49.4	63.5	926 1057 1983	5096	
0 0 0	6-4	56.7	65.6	1156 1199 2355	6052	
0 0 0	3-3, 3-4	52.3	64.5	1135 1109 2244	5767	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Final Rose	
1265	B661A2-15-BK-16	132	7/1	8/3	49
		330	7/1	8/3	49
	B.L.R. X (R.P. X D.)		7/1	115	49
	(594)		gold		
1266	B661A2-35-BK-3	236	6/27	7/31	46
		442	6/27	7/31	47
			6/27	112	47
	(597)		gold		
1267	B661A2-42-BK-11-4	233	7/1	8/3	45
		426	7/1	8/3	45
			7/1	115	45
	(4036)		gold		
1268	B661A2-50-BK-2-9	129	7/1	8/11	48
		439	6/30	8/11	45
			7/1	123	47
	(4061)		gold		
1269	B661A2-66-BK-11	130	6/29	8/7	45
		336	6/28	8/7	45
			6/29	119	45
	(605)		gold		
1270	B6311A5604-14-BK	226	6/28	7/31	50
		343	6/29	7/31	47
	BELLE P. X DAWN		6/29	112	49
	(1207)		gold		
1271	B6311A5585-4-BK	235	4/26	7/31	49
		424	6/28	7/31	50
			6/28	112	50
	(1279)		gold		
1272	B6311A5601-8-BK	244	6/26	7-29	53
		428	6/28	7-29	50
			6/27	110	52
	(1281)		gold		

YIELD DATA

LODG. ING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LB	B.
$\frac{0}{0}$	5-4, 1-5	45.9	63.8	1097 1044 <u>2141</u>	5502	
$\frac{0}{0}$	1-3, 5-4	47.5	62.9	1153 993 <u>2146</u>	5515	
$\frac{0}{0}$	6-4	52.4	64.6	1139 1137 <u>2276</u>	5849	
$\frac{0}{0}$	6-4	48.5	64.3	1110 1149 <u>2259</u>	5806	
$\frac{0}{0}$	6-4	51.7	65.3	921 1150 <u>2071</u>	5322	
$\frac{0}{0}$	6-4	49.4	65.1	1018 940 <u>1958</u>	5032	
$\frac{0}{0}$	3-3, 3-4	48.6	63.3	993 1054 <u>2047</u>	5261	
$\frac{0}{0}$	2-3, 4-4	51.8	64.0	987 994 <u>1981</u>	5091	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Rope	
1273	B6210A1.6.4.1.5	127	7/10	8/18	48
		331	7/11	8/18	48
	DAWN XCI.9187		7/11	130	48
	(5530)		stew		
1274	B6210A1.26.3.2.4	238	7/7	8/18	50
		432	7/7	8/18	50
			7/7	130	50
	(670)		stew		
1275	B6210A1.16.2.2.4	239	7/9	8/18	48
		329	7/9	8/18	48
			7/9	130	48
	(5461)		stew		
1276	B6210A1.18.1.1.2	133	7/8	8/18	52
		325	7/9	8/18	51
			7/9	130	52
	(674)		stew		
1277	B6210A1.6.4.1.3	242	7/10	8/18	47
		431	7/11	8/18	48
			7/11	130	48
	(678)		stew		
1278	B6210A1.16.2.2.2.43	225	7/7	8/11	50
		435	7/7	8/11	49
			7/7	123	50
	(5365)		stew		
1279	B6210A1.18.1.1.2.4.5	123	7/8	8/18	49
		342	7/8	8/18	50
			7/8	130	50
	(5372)		stew		
1280	B6210A1.26.3.1.4.52	144	7/9	8/18	51
		327	7/9	8/18	51
			7/9	130	51
	(5379)		stew		

YIELD DATA

LOGGING	Aik	Seed	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$	1-3, 5-4	42.4	62.6	$\frac{1111}{1181}$	2292	5890
$\frac{0}{0}$	2-3, 3-4, 1-5	43.8	62.2	$\frac{1095}{1073}$	2168	5572
$\frac{0}{0}$	6-4	46.8	63.0	$\frac{1064}{1034}$	2098	5392
$\frac{0}{0}$	2-3, 4-4	40.1	59.7	$\frac{1000}{1049}$	2049	5266
$\frac{0}{0}$	1-3, 5-4	36.8	56.5	$\frac{1009}{1020}$	2029	5215
$\frac{40\%}{40\%}$	2-3, 4-4	43.2	58.5	$\frac{860}{881}$	1841	4731
$\frac{0}{0}$	2-3, 4-4	41.2	60.9	$\frac{1139}{1006}$	2145	5513
$\frac{0}{0}$	6-4 6-4	49.0	64.6	$\frac{1054}{1072}$	2126	5464

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1281	B6210A1.7.3.3	143	7/10	8/18	48
		437	7/10	8/18	46
	DAWN X CI. 9187		7/10	130	47
	(5440)		stew		
1282	B6210A1.7.1.3.6	223	7/8	8/18	49
		335	7/8	8/18	49
			7/8	130	49
	(5571)		stew		
1283	B6210A1.7.3.3.5	231	7/10	8/18	48
		440	7/10	8/18	49
			7/10	130	49
	(5685)		stew		
1284	ALEX. SEED CO.	243	6/29	7/31	51
	# 601	430	6/29	7/31	48
			6/29	112	50
	(A601)		stew		
1285	ALEX. SEED CO.	234	7/1	8/3	56
	# 602	324	7/2	8/3	57
			7/2	115	57
	(A602)		stew		
1286	ALEX. SEED CO.	126	7/4	8/11	50
	# 603	341	7/4	8/11	51
			7/4	123	51
	leafy (A603)		stew		
1287	BELLE PATINA	228	6/27	7-29	51
	CI. 9433	436	6/27	7-29	51
			6/27	110	51
	(F8.)		stew		
1288	BLUE BELLE	138	7/2	8/11	47
	CI. 9544	425	7/2	8/11	47
			7/2	123	47
	(F8.)		gold		

YIELD DATA

LOADG. ING	AIK	Yield	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$	6-4	42.7	60.0	$\frac{1144}{1055}$ 2199	5651	
$\frac{0}{0}$	2-2, 1-3, 3-4	49.6	63.6	$\frac{1229}{1146}$ 2375	6104	
$\frac{0}{0}$	6-3	42.8	60.0	$\frac{1125}{1103}$ 2228	5726	
$\frac{0}{0}$	1-6, 5-7	55.8	65.0	$\frac{842}{843}$ 1685	4330	
$\frac{60\%}{40\%}$ 50	6-4	60.2	67.8	$\frac{952}{959}$ 1911	4911	
$\frac{0}{0}$	6-7	53.9	68.5	$\frac{938}{1025}$ 1963	5045	
$\frac{30\%}{0}$ 15	1-3, 5-4	49.4	64.4	$\frac{1058}{982}$ 2040	5243	
$\frac{0}{0}$	6-3	56.3	67.4	$\frac{1200}{1172}$ 2372	6096	

BLK. #III
8 E
Sown: 4-10
Emerg: 4-18

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1289	B662A1-13-BK	258	6/29	8/3	48
		349	6/29	8/3	47
	BLB. X (B.P. X D.)		6/29	115	48
	(1299)		gold		
1290	B661A1-28-BK-2	153	7/2	8/7	45
		351	7/1	8/7	46
	BLB. X (B.P. X D.)		7/2	119	46
	(4164)		gold		
1291	B661A1-28-BK-4	147	7/2	8/7	45
		364	7/1	8/7	44
			7/2	119	45
	(4166)		gold		
1292	B661A1-30-BK	246	6/30	7/31	48
		457	6/30	7/31	47
			6/30	112	48
	(1309)		gold		
1293	B661A2-50-BK	262	6/30	8/7	45
		453	6/30	8/7	46
			6/30	119	46
	(1315)		gold		
1294	B6612A3-1-BB.	166	6/29	8/7	46
		449	6/30	8/7	47
	BLUEBELLE/2 X DAWN		6/30	119	47
	(1323)		gold		
1295	B662A1-13-3	265	6/30	8/3	44
		352	6/29	8/3	44
	BLB. X (B.P. X D.)		6/30	115	44
	(1335)		gold		
1296	B662A1-24-5	249	7/1	8/7	44
		456	6/30	8/7	46
			7/1	119	45
	(1338)		gold		

YIELD DATA

LODG. ING		Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$	1-2, 5-3	55.0	65.4	993 1034 <u>2027</u>	5209	
$\frac{0}{0}$	6-4	57.1	67.4	1156 1222 <u>2378</u>	6111	
$\frac{0}{0}$	6-4	55.7	67.0	951 1133 <u>2084</u>	5356	
$\frac{0}{0}$	6-4	49.0	62.2	998 1008 <u>2006</u>	5155	
$\frac{0}{0}$	1-3, 5-4	52.3	66.0	1122 1235 <u>2357</u>	6057	
$\frac{0}{0}$	2-3, 4-4	57.3	67.8	1107 1192 <u>2299</u>	5908	
$\frac{0}{0}$	5-3, 1-4	47.2	62.4	1080 1151 <u>2231</u>	5734	
$\frac{0}{0}$	5-3, 1-4	52.6	65.8	1137 1171 <u>2308</u>	5932	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1297	B662A1-55-4	158	7/1	8/11	46
		463	7/1	8/11	45
	BLB. X (B.P. X D.)		7/1	123	46
	(1339)		gold		
1298	B662A2-18-2	159	6/30	8/7	45
		348	6/30	8/7	45
			6/30	119	45
	(1341)		gold		
1299	B662A2-18-3	245	6/30	8/7	46
		458	6/30	8/7	45
			6/30	119	46
	(1342)		gold		
1300	B669A1-13-4	148	7/1	8/7	46
		455	6/29	8/7	46
	BLB. X (B.P. X D.)		6/30	119	46
	(1343)		gold		
1301	B6616A1-11-2	263	7/2	8/11	45
		353	7/2	8/11	47
	BLB. X (B.P. X D.)		7/2	123	46
	(1344)		gold		
1302	B665A1-5-3	150	7/1	8/7	43
		357	6/30	8/7	46
	DAWN X BLUEBELLE		7/1	119	45
	(1347)		gold		
1303	B665A1-18-5	259	6/27	7/31	45
		465	6/28	7/31	43
			6/28	112	44
	(1348)		gold		
1304	B6612A2-9-1	149	7/2	8/11	48
		358	6/30	8/11	48
	BLUEBELLE $\frac{1}{2}$ X DAWN		7/1	123	48
	(1350)		gold		

YIELD DATA

LODG. ING.	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS	B.
$\frac{0}{0}$	6-4	48.6	65.4	$\frac{1000}{1119}$ 2119	5446	
$\frac{0}{0}$	5-4, 1-5	51.5	65.0	$\frac{1126}{1155}$ 2281	5862	
$\frac{0}{0}$	6-4	53.7	64.3	$\frac{1071}{1151}$ 2222	5711	
$\frac{0}{0}$	6-4	50.9	64.2	$\frac{1035}{1099}$ 2134	5484	
$\frac{0}{0}$	6-4	54.9	67.4	$\frac{1140}{1158}$ 2298	5906	
$\frac{0}{0}$	4-3, 2-4	60.6	69.0	$\frac{954}{1145}$ 2099	5394	
$\frac{0}{0}$	6-4	54.7	65.4	$\frac{1134}{1014}$ 2148	5520	
$\frac{0}{0}$	6-4	59.6	69.0	$\frac{1003}{1208}$ 2211	5682	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1305	B6612A2-9-2	154	6/30	8/7	46
		462	6/30	8/7	47
	BLUE BELLE 1/2 X DAWN		6/30	1/19	47
	(1351)		gold		
1306	B6612A2-9-5	165	6/29	8/7	45
		359	6/30	8/7	46
			6/30	1/19	46
	(1353)		gold		
1307	B6612A2-21-1	253	6/30	8/3	48
		461	6/30	8/3	48
			6/30	1/15	48
	(1354)		gold		
1308	B6612A2-25-3	163	7/1	8/7	47
		445	7/1	8/7	46
			7/1	1/19	47
	(1355)		gold		
1309	B6612A2-53-4	250	7/1	8/7	44
		360	7/2	8/7	46
			7/2	1/19	45
	(1356)		gold		
1310	B662A1-13-BK	145	7/1	8/7	48
		350	6/29	8/7	46
	B2B. X (B.P. X D.)		6/30	1/19	47
	(1364)		gold		
1311	B662A1-24-BK	264	6/30	8/3	43
		454	6/30	8/3	44
			6/30	1/15	44
	(1365)		gold		
1312	B6612A2-53-BK	260	6/29	7/31	48
		466	6/29	7/31	46
	B2B. 1/2 X DAWN		6/29	1/12	47
	(1370)		gold		

YIELD DATA

LODG. ING	A1K	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$				926		
$\frac{0}{0}$	1-3, 5-4	52.6	69.0	1048		
				1974	5073	
$\frac{0}{0}$				1054		
$\frac{0}{0}$	1-3, 5-4	60.0	69.4	1123		
				2177	5595	
$\frac{0}{0}$				1055		
$\frac{0}{0}$	6-4	53.4	65.8	1117		
				2172	5582	
$\frac{0}{0}$				1103		
$\frac{0}{0}$	6-4	61.1	69.2	1193		
				2296	5901	
$\frac{0}{0}$				1072		
$\frac{0}{0}$	6-4	55.8	68.2	1218		
				2290	5885	
$\frac{0}{0}$				990		
$\frac{0}{0}$	3-3, 3-4	50.5	64.2	1062		
				2052	5274	
$\frac{0}{0}$				1094		
$\frac{0}{0}$	6-4	58.0	66.8	1122		
				2216	5695	
$\frac{0}{0}$				1129		
$\frac{0}{0}$	5-4, 1-6	55.4	66.1	1059		
				2188	5623	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Burr	
1313	B651A1-13-5	257	6/26	7-29	48
		448	6/26	7-29	50
	BLUEBELLE X DAWN		6/26	110	49
	(524)		gold		
1314	B651A1-24-4-2	152	6/29	8/3	49
		362	6/29	8/3	49
			6/29	115	49
	(3029)		gold		
1315	B651A1-34-2	157	6/30	8/3	49
		346	6/30	8/3	50
			6/30	115	50
	(529)		gold		
1316	B665A1-9-BK	247	7/1	8/7	45
		452	6/30	8/7	45
	DAWN X BLUEBELLE		7/1	119	45
	(530)		gold		
1317	B665A1-31-BK	162	6/30	8/11	50
		354	6/29	8/11	50
			6/30	123	50
	very old & not. (531)		gold		
1318	B665A1-49-BK	266	7/1	8/11	46
		451	7/1	8/11	46
			7/1	123	46
	(534)		gold		
1319	B665A1-53-BK-3	255	7/2	8/7	47
		366	7/2	8/7	46
			7/2	119	47
	(3290)		gold		
1320	B665A1-43-5	161	6/29	8/3	46
		356	6/30	8/3	48
			6/30	115	47
	(537)		gold		

YIELD DATA

LOGGING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LB.	BL.
$\frac{0}{0}$	6-4	59.0	68.4	$\frac{916}{914}$ 1830	4703	
$\frac{0}{0}$	6-4	56.6	66.0	$\frac{1010}{1017}$ 2027	5209	
$\frac{0}{0}$	2-3, 4-4	45.9	63.0	$\frac{999}{979}$ 1978	5083	
$\frac{0}{0}$	6-4	58.9	68.0	$\frac{1050}{1105}$ 2155	5538	
$\frac{0}{0}$	1-3, 5-4	54.0	64.8	$\frac{1025}{1155}$ 2180	5603	
$\frac{0}{0}$	6-4	51.8	66.2	$\frac{1130}{1100}$ 2230	5731	
$\frac{0}{0}$	5-4, 1-5	54.9	68.7	$\frac{1262}{1189}$ 2451	6299	
$\frac{0}{0}$	6-4	50.0	63.8	$\frac{1051}{1234}$ 2285	5872	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1321	B665A1-31-BK-9-8	154	7/3	8/11	46
		361	7/2	8/11	46
	DAWN X BLUEBELLE		7/3	123	46
	(3191)		gold		
1322	B665A1-43-BK-12	261	6/28	7/31	44
		464	6/29	7/31	43
			6/29	112	44
	(541)		gold		
1323	B665A1-49-BK-3	164	7/1	8/11	47
		447	7/1	8/11	46
			7/1	123	47
	(542)		gold		
1324	B665A1-49-BK-11	251	7/1	8/11	46
		459	7/1	8/11	46
			7/1	123	46
	(543)		gold		
1325	B6612A2-45-BK	256	6/29	8/3	47
		450	6/29	8/3	47
	BLB. 1/2 X DAWN		6/29	115	48
	(544)		gold		
1326	B6612A3-4-BK	248	6/30	8/3	47
		365	6/30	8/3	48
			6/30	115	48
	(545)		gold		
1327	B6612A1-62-3-5	155	7/2	8/11	47
		460	7/1	8/11	47
			7/2	123	47
	(3335)		gold		
1328	B6612A2-25-5	146	7/2	8/7	48
		355	7/1	8/7	48
			7/2	119	48
	(550)		gold		

YIELD DATA

LOGG. ING	Aik	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 0 0 0	4-3, 2-4	56.8	67.0	1171 1228 2399	6165	
0 0 0 0	3-3, 3-4	55.8	66.2	915 1004 1919	4932	
0 0 0 0	6-4	54.4	67.2	1019 1110 2129	5472	
0 0 0 0	6-4	51.4	66.6	1058 1062 2120	5448	
0 0 0 0	2-3, 4-4	54.6	65.8	1068 1046 2114	5433	
0 0 0 0	6-4	52.8	64.4	1103 1137 2240	5757	
0 0 0 0	2-3, 4-4	49.7	64.6	1026 1159 2185	5615	
0 0 0 0	1-3, 5-4	57.8	67.7	1134 1240 2374	6104	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1329	B6612A2-62-3	160	7/4	8/13	47
		345	7/4	8/13	47
	BLB. 1/2 X DAWN		7/4	125	47
	(551)		gold		
1330	DAWN	254	7/12	8/18	54
		446	7/12	8/18	53
			7/12	130	54
	(Fd.)		gold		
1331	BLUEBELLE	151	7/2	8/7	48
	C.I. 9544	347	7/1	8/7	47
			7/2	119	48
	(Fd.)		gold		
1332	BELLE PATNA	252	6/26	7-29	52
	C.I. 9433	363	6/26	7-29	51
			6/26	110	52
	(Fd.)		straw		
1333	B6612A 3-10-3	172	6/30	8-3*	48
		381	6/29	8-3	48
	BLB. 1/2 X DAWN		6/30	115	48
	(552)		* cut North center & 1 north side		
			gold		
1334	B6612A2-9-BK-3-5	280	7/1	8/11	45
		369	7/2	8/11	46
			7/2	123	46
	(3492)		gold		
1335	B6612A2-9-BK-4	286	6/29	7/31	47
		367	6/29	7/31	47
			6/29	112	47
	(557)		gold		
1336	B6612A2-9-BK-6-9	276	6/30	7/31	47
		481	6/30	7/31	46
			6/30	112	47
	(3506)		gold		

YIELD DATA

Lodg. ing	Alk	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 0 0	3-4, 3-5	45.6	67.6	1045 1141 2186	5618	
0 0 0	1-3, 5-4	50.2	64.5	1054 1131 2185	5615	
0 40% 20	3-3, 3-4	56.4	66.6	1047 1128 2175	5590	
0 50% 25	1-3, 5-4	51.2	66.0	939 979 1918	4929	
0 0 0	6-4	55.0	65.9	1122 1076 2198	5649	
0 0 0	2-3, 4-4	57.3	68.6	1083 1090 2173	5585	
0 0 0	6-3	55.0	67.2	1013 1020 2033	5225	
0 0 0	5-3, 1-4	52.0	63.7	1014 1095 2109	5420	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1337	B6612A2-45-BK-5	170	6/30	8/3	44
		377	6/30	8/3	43
	B2B.1/2 X Dawn		6/30	1/15	44
	(559)		gold		
1338	B6612A2-45-BK-15	179	7/2	8/7	44
		484	7/1	8/7	44
			7/2	1/19	44
	(561)		gold		
1339	B6612A3-1-BK-3	288	6/30	7/31	48
		372	6/30	7/31	46
			6/30	1/12	47
	(563)		gold		
1340	B6612A3-1-BK-12	176	6/30	7/31	47
		471	6/30	7/31	45
			6/30	1/12	46
	(564)		gold		
1341	B6612A3-1-BK-15	270	6/30	7/31	47
		474	6/30	7/31	45
			6/30	1/12	46
	(565)		gold		
1342	B6612A3-1-BK-19-7	186	6/30	7/31	47
		373	6/30	7/31	46
			6/30	1/12	47
	(3587)		gold		
1343	B6612A3-10-BK-1-9	174	7/3	8/11	47
		388	7/3	8/11	48
			7/3	1/23	48
	(3651)		gold		
1344	B6612A3-10-BK-2-8	182	7/2	8/11	47
		480	7/2	8/11	48
			7/2	1/23	48
	(3660)		gold		

YIELD DATA

LODGING	A1K	Head	Total	GMS. PER ROW	ACRE YIELD	
					BS	BL.
0 0 0	3-3, 3-4	59.9	68.3	943 992 <u>1935</u>	4973	
0 0 0	2-3, 4-4	52.2	66.4	1012 1090 <u>2102</u>	5402	
0 0 0	6-4	53.0	65.8	1061 1120 <u>2181</u>	5605	
0 0 0	6-4	56.4	66.1	1010 1049 <u>2059</u>	5292	
0 0 0	2-3, 4-4	54.3	66.2	1067 1086 <u>2153</u>	5533	
0 0 0	6-4	52.6	65.2	1104 1021 <u>2125</u>	5461	
0 0 0	6-4	52.8	66.0	1057 1107 <u>2164</u>	5561	
0 20% 10	2-3, 4-4	52.8	65.6	1067 1018 <u>2085</u>	5358	

1345

B6612A3-10-BK-5-5

ORDER
No.

185

476

6/30

6/30

6/30

Date

1st
HeadFull
RipePlant
hgt.
(in.)

7/31

7/31

11/2

48

46

47

BLB_{1/2} X DAWN

(3667)

good

1346

B661A1-33-BK

180

385

6/29

6/29

6/29

7/31

7/31

11/2

47

46

47

BLB X (B.P. X D.)

(525)

good

1347

B661A 2-35-BK

284

479

6/29

6/29

6/29

7/31

7/31

11/2

47

47

47

(579)

good

1348

B661A1-19-1

273

488

7/1

7/2

7/2

8/3

8/3

11/5

45

44

45

seg. int.

(581)

good

1349

B661A1-28-BK-2.7

267

383

7/1

6/30

7/1

7/31

7/31

11/2

45

46

46

(3820)

good

1350

B661A1-28-BK-14

178

467

7/2

7/1

7/2

8/11

8/11

123

44

42

43

(586)

good

1351

B661A1-30-BK-3

228

485

7/1

6/30

7/1

7/31

7/31

11/2

48

46

47

(588)

good

1352

B661A2-50-BK-6

274

384

6/30

6/30

6/30

8/3

8/3

11/5

44

44

44

(600)

good

YIELD DATA

LOGG. ING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$	6-4	56.8	67.0	$\frac{1139}{1106}$	2245	5770
$\frac{0}{0}$	13, 5-4	45.6	61.8	$\frac{998}{1062}$	2060	5294
$\frac{0}{0}$	3-3, 3-4	48.9	62.2	$\frac{1022}{1019}$	2041	5245
$\frac{0}{0}$	6-4	43.2	59.4	$\frac{960}{1060}$	2020	5191
$\frac{0}{0}$	6-4	53.9	65.3	$\frac{1062}{1141}$	2203	5662
$\frac{0}{0}$	4-4, 2-5	53.6	66.9	$\frac{1006}{960}$	1966	5053
$\frac{0}{0}$	6-4	52.0	64.3	$\frac{919}{1020}$	1939	4983
$\frac{0}{0}$	3-4, 3-5	50.0	64.6	$\frac{1156}{1088}$	2244	5767

1353

B661A2-50-BK-12.5

ORDER
NO.

275

482

BLB. X (B.P. X D.)

(4079)

Date

1st
HeadFull
RipePlant
hgt.
(in.)

7/1

8/7

47

6/30

8/7

46

7/1

119

47

gold

1354

B661A2-66-BK-5-9

184

473

6/30

8/7

47

6/30

8/7

45

6/30

119

46

gold

(4123)

1355

B662A1-24-BK-8

167

376

BLB. X (B.P. X D.)

(614)

7/2

8/7

45

7/1

8/7

45

7/2

119

45

gold

1356

B662A2-18-BK-8

285

472

6/29

8/7

45

6/29

8/7

42

6/29

119

44

gold

(618)

1357

B6616A2-49-BK-5-1

181

375

BLB. X (B.P. X D.)

(4734)

7/2

8/11

45

7/2

8/11

48

7/2

123

47

gold

1358

B6616A2-49-BK-5-2

272

477

7/2

8/11

46

7/2

8/11

45

7/2

123

46

gold

(4735)

1359

B6616A2-49-BK-5-8

283

368

7/2

8/11

47

7/2

8/11

45

7/2

123

46

gold

(4741)

1360

B662A1-55-BK

287

370

BLB. X (B.P. X D.)

(667)

6/30

8/7

48

6/30

8/7

46

6/30

119

47

gold

LODG. ING	A.K.	Head	Total	YIELD DATA	
				GMS. PER ROW	ACRE YIELD LBS
0	5-4, 1-5	53.0	65.6	1147 1138 <u>2285</u>	5872
0	5-4, 1-5	53.6	65.8	1058 1063 <u>2121</u>	5451
0	1-4, 5-5	61.7	70.2	1005 1151 <u>2156</u>	5541
0	6-4	49.9	62.3	1031 1016 <u>2041</u>	5245
0	6-4	47.2	67.1	1149 1135 <u>2284</u>	5870
0	6-4	54.2	67.4	1138 1124 <u>2262</u>	5813
0	6-4	56.0	67.8	1122 1023 <u>2145</u>	5513
0	6-4	53.0	67.3	1096 1123 <u>2219</u>	5703

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1361	B6612A1-71-5-5	271	7/2	8/11	47
		387	7/2	8/11	47
	B2B _{1/2} X DAWN		7/2	123	47
	(3353)		gold		
1362	B6612A2-9-BK-12-4	177	7/3	8/11	44
		469	7/2	8/11	43
			7/2	123	44
	(3511)		gold		
1363	B6335A1-2-4-1	279	7/10	8/18	53
		487	7/11	8/18	52
	CT. 9545 X DAWN		7/11	130	53
	(7396)	lgt	gold		
1364	B6335A1-2-8-3-1	188	7/12	8/18	52
		374	7/12	8/18	52
			7/12	130	52
	(7450)	lgt	gold		
1365	B6335A1-8-6-3-1	175	7/7	8/13	51
		486	7/9	8/13	51
			7/8	125	51
	(860)	lgt	gold		
1366	B6335A2-1-3-2-1	171	7/11	8/18	48
		386	7/12	8/18	50
			7/12	130	49
	(865)	lgt	gold		
1367	B6335A1-2-1	281	7/8	8/13	52
		468	7/7	8/13	51
			7/8	125	52
	(825)	lgt	gold		
1368	B6335A2-2-6	168	7/10	8/18	50
		378	7/11	8/18	50
			7/11	130	50
	(837)	lgt	gold		

YIELD DATA

LODGING	A1K	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	B.
0 0 0	6-4	52.8	68.6	1106 1130 2236	5747	
0 0 0	6-4	65.4	71.5	1091 961 2052	5274	
90% 90% 90	6-4	40.2	61.9	1030 943 1973	5071	
20% 40% 30	6-4	41.0	63.2	1065 1098 2163	5559	
0 0 0	6-4	48.9	66.4	1004 864 1868	4801	
0 0 0	1-3,5-4	52.8	65.8	1097 1080 2177	5595	
40% 20% 30	1-3,5-4	44.6	60.8	1105 1072 2177	5595	
0 0 0	2-3,2-4,2-7	50.4	63.4	1078 1066 2144	5510	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1369	B6335A1.8.7.35	169	7/7	8/14	50
		382	7/9	8/14	51
	(T.9545 X DAWN (862) lefts gold Excellent plant type!		7/8	126	51
1370	B6335A2-1.3.2.2	277	7/12	8/18	50
		483	7/13	8/18	50
	(7791) lefts gold		7/13	130	50
1371	B6335A2.2.6.2-1	282	7/12	8-26	49
		470	7/11	8-26	47
	(7869) lefts gold		7/12	138	48
1372	B6335A1.3.3.2	187	7/11	8-26	48
		379	7/11	8-26	48
	(7477) lefts gold		7/11	138	48
1373	B6335A2.2.6.2.2	269	7/12	8-26	47
		478	7/12	8-26	46
	(7874) gold		7/12	138	47
1374	DAWN	268	7/12	8/18	55
		475	7/12	8/18	53
	(Fd.) gold		7/12	130	54
1375	BLUEBELLIE	183	7/11	8/7	47
	CI. 9544	371	7/11	8/7	46
	(Fa.) gold		7/11	119	47
1376	BELLE PATINA	173	6/27	7-29	50
	CI. 9433	380	6/27	7-29	51
	(Fd.) Dawn		6/27	110	51

YIELD DATA

LOADING	AIK.	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 100% 50	6-4	51.7	68.1	1092 1172 2264	5818	
0 0 0	6-4	51.8	64.8	1015 1067 2082	5351	
0 0 0	6-4	40.2	59.3	1006 1157 2163	5559	
0 0 0	6-4	43.5	62.2	1012 1062 2074	5330	
0 0 0	1-3, 4-4, 1-7	35.2	57.0	1026 939 1965	5050	
0 0 0	6-4	48.8	63.4	1093 1132 2225	5718	
0 0 0	6-4	52.6	66.0	1068 1160 2223	5713	
0 0 0	6-4	52.9	66.0	915 759 1674	4302	

SEEDING ORDER NOS.

TIER

I	189-210
II	289-310
III	389-410
IV	489-510

BLK. # IV

GE

Sown: 4-10

EACR. 4-18

NATO 38 PLOTS. 9 ROWS ON NORTH SIDE OF BIA.

	ORDER NO.	Date		Plant hgt. (in.)
		1st Head	Full buds	
1377	B6335A1-5-4-12 489 (I.9545 X DAWN (6662)	7/7 7/7 7/7	8/13 8/13 125	44 42 43
1378	B6335A1-3-10 494 (827)	7/11 7/11 7/11	8/14 8/14 126	48 48 48
1379	B6335A1-6-3-5-2 404 (828)	7/9 7/10 7/10	8/18 8/18 130	44 44 44
1380	B6337A1-BK-6 395 (I.9545 X (GR. X PI.) (1400)	7/2 7/3 7/3	8/10 8/10 122	43 45 44
1381	B6334A2-1-8 506 (I.9545 X NOVA (1405)	7/2 7/3 7/3	8/10 8/10 122	43 43 43
1382	B6334A2-1-8-BK-1 297 410 (8660)	7/5 7/5 7/5	8/18 8/18 130	43 42 43
1383	B6334A1-1-5 309 394 (876)	7/9 7/7 7/8	8/14 8/14 126	46 48 47
1384	B6334A2-1-2 291 408 Highly variable st. (877)	7/6 7/7 7/7	8/14 8/14 126	49 48 49

YIELD DATA

Lodg. ING	A114	Heal	Jalil	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$	6-4	69.1	72.5	1325 1183 2508	6446	
$\frac{0}{0}$	6-7	58.7	66.1	1116 1131 2247	5775	
$\frac{0}{0}$	4-4, 2-7	60.8	69.4	1128 1237 2365	6078	
$\frac{50\%}{30\%}$ 18	6-7	55.4	65.0	1142 1154 2296	5901	
$\frac{0}{0}$	6-7	65.0	69.8	1146 1284 2430	6245	
$\frac{0}{0}$	6-7	61.8	69.2	1229 1185 2414	6204	
$\frac{0}{0}$	6-7	65.4	69.6	1030 1177 2207	5672	
$\frac{0}{0}$	6-7	61.6	67.4	1096 1118 2214	5690	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1385	B6334A2-1.8	210	7/2	8/10	41
		507	7/3	8/10	40
	159545 X NOVA		7/3	122	41
	(881)				
1386	B6334A3-1.4	191	7/9	8/18	50
		400	7/11	8/18	52
			7/10	130	51
	(884)				
1387	B6334A3-1.4	308	7/9	8/14	46
		502	7/9	8/14	46
			7/9	126	46
	(886)				
1388	B6334A2-1.6-3.4	306	7/10	8/18	49
		391	7/10	8/18	49
			7/10	130	49
	(8361)				
1389	B6334A2-1.8-3.3	209	7/5	8/10	42
		396	7/5	8/10	46
			7/5	122	44
	(8418)				
1390	B6334A3-1.4-3.5	196	7/9	8/18	47
		409	7/10	8/18	47
			7/10	130	47
	(8532)				
1391	B6334A1-1.5-2.1	290	7/4	8/10	40
		496	7/5	8/10	39
			7/5	122	40
	(8270)				
1392	B6334A1-1.7-7.2	295	7/5	8/10	42
		405	7/6	8/10	41
			7/6	122	42
	(8318)				

YIELD DATA

LODGING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0				1080		
0	6-7			1257		
0		64.9	70.6	2337	6006	
0				1212		
0	2-5, 4-7			1238		
0		64.3	69.9	2450	6297	
0				1201		
0	1-6, 5-7			1265		
0		67.7	71.2	2466	6338	
80%				1305		
100%	6-7			1213		
90		59.7	64.5	2518	6471	
0				1007		
80%	6-7			1220		
40		67.4	72.2	2227	5723	
0				1242		
0	6-7			1299		
0		57.8	71.8	2541	6530	
0				1177		
0	6-7			1218		
0		67.4	70.8	2395	6155	
0				1097		
0	6-7			1014		
0		70.0	72.3	2111	5425	

		ORDE No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1393	B6334A1-1-9-3-4 CI. 9545 X Nova (8328)	307 491	7/12 7/11 7/12	8/18 8/18 130	48 48 48
1394	B6334A2-1-2-3-2 (8344)	298 510	7/9 7/9 7/9 1 KR. HT.	8/13 8/13 125	47 45 46
1395	B6334A2-1-8-18-1 (8437)	299 508	7/3 7/3 7/3	8/13 8/13 125	45 43 44
1396	B6334A2-1-8-18-4 (8442)	292 495	7/7 7/7 7/7	8/18 8/18 130	45 40 43
1397	B6334A4-1-5-6-1 (8579)	305 509	7/2 7/2 7/2	8/10 8/10 122	44 44 44
1398	B6334A1-1-7-2-4 M2-BK (8730)	294 503	7/7 7/7 7/7	8/13 8/13 125	45 42 44
1399	B6334A1-1-7-7-2 (8743)	302 393	7/5 7/4 7/5	8/10 8/10 122	42 42 42
1400	B6334A2-1-6-3-4 -M5-BK (8755)	300 490	7/8 7/8 7/8	8/18 8/18 130	50 46 48

YIELD DATA

LOADING	AIK	Dead	Total	GMS PER ROW	ACRE YIELD	BL.
					LBS.	
0 0 0	2-6, 4-7	63.8	69.0	1218 1211 2429	6243	
0 0 0	6-7	62.4	67.7	1144 966 2110	5423	
0 0 0	6-7	61.0	67.4	1229 1255 2484	6384	
0 0 0	6-7	62.0	69.8	1305 1163 2468	6343	
0 0 0	6-7	68.5	70.8	1042 995 2037	5235	
0 0 0	6-7	68.0	69.7	1053 1054 2107	5415	
0 0 0	6-7	68.6	71.6	1041 1098 2139	5497	
0 0 0	2-5, 4-7	63.2	67.8	1311 1290 2601	6685	

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Rise	
1401	B6334A2-1-8-1-1	189	7/1	8/10	40
		406	7/1	8/10	39
	C.I. 9545 X NEWITA		7/1	122	40
	(8760)				
1402	B6334A2-1-8-25-3	201	7/2	8/10	44
		398	7/3	8/10	46
			7/3	122	45
	(8785)				
1403	B6337A1-BK-17-3-3	199	7/5	8/13	39
		402	7/6	8/13	41
	C.I. 9545 X (G.A. X P.E.)		7/6	125	40
	(8908)				
1404	B6337A1-BK ₂ -7-BK-2	289	7/12	8/18	42
		499	7/14	8/18	42
	Excellent plant!		7/13	130	42
	(8979)				
1405	B6337A1-BK ₂ -28-BK-1	293	7/5	8/13	42
		392	7/5	8/13	40
	mod. poor. slight		7/5	125	41
	(8967)				
1406	B6337A1-BK-28-3-M5	200	7/4	8/10	43
		403	7/5	8/10	45
			7/5	122	44
	(9050)				
1407	B6336A2-BK-2-5-5	192	7/10	8/18	48
		407	7/12	8/18	47
	C.I. 9545 X NORTHROSE		7/11	130	48
	(9080)				
1408	B6336A2-BK-4-1-3	303	7/7	8/10	46
		498	7/7	8/10	45
			7/7	122	46
	(9083)				

YIELD DATA

LODG. ING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 0 0	6-7	59.8	69.2	1134 1266 2400	6168	
0 0 0	6-7	60.6	67.7	1299 1286 2585	6643	
0 0 0	6-7	58.7	68.2	1239 1288 2527	6494	
0 0 0	6-7	52.4	65.8	1145 1146 2291	5888	
0 0 0	6-7	57.1	65.4	1218 1274 2492	6404	
0 40% 20	6-7	56.4	66.3	1032 1099 2131	5477	
0 0 0	6-7	64.2	67.8	1121 1080 2201	5657	
0 0 0	6-7	66.1	69.4	939 967 1906	4898	

88
1409

B6336A2-BK-4-2-5 205

7/3

8/10

44

493

7/4

8/10

45

CI. 9545 X NORTH ROSE

7/4

122

45

leafy (9090)

1410

B6336A2-BK-5-5-5 204

7/2

8/10

38

501

7/2

8/10

40

available

7/2

122

39

very ill.

(9105)

1411

B6336A2-BK-9-1-1 190

7/5

8/10

43

397

7/5

8/10

50

leafy

(9121)

7/5

122

47

1412

B6336A2-BK-10-3-3 208

7/5

8/14

37

505

7/7

8/14

39

7/6

126

38

(9133)

1413

B6336A2-BK-17-5-5 301

7/4

8/10

46

390

7/4

8/10

45

leafy

(9169)

7/4

122

46

1414

B6336A2-BK-21-3-2 206

7/3

8/10

40

504

7/4

8/10

39

7/4

122

40

(9171)

1415

B6336A2-BK-4-5-M4 203

7/4

8/10

43

497

7/5

8/10

42

leafy

(9212)

7/5

122

43

1416

B6336A2-BK-10-1-M1 194

7/9

8/18

40

401

7/10

8/18

42

7/10

130

41

(9224)

YIELD DATA

LODG. ING.	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
$\frac{0}{0}$	2-6, 4-7	67.4	70.0	$\frac{863}{1003}$	4796	
$\frac{0}{0}$	6-7	66.0	71.0	$\frac{994}{962}$	5027	
$\frac{0}{0}$	6-7	65.0	70.5	$\frac{996}{956}$	5017	
$\frac{0}{0}$	6-7	69.0	71.7	$\frac{1044}{1277}$	5965	
$\frac{0}{0}$	6-7	68.0	72.2	$\frac{740}{745}$	3945	
$\frac{0}{0}$	3-6, 3-7	55.0	66.2	$\frac{1104}{1176}$	5860	
$\frac{0}{0}$	6-7	67.3	71.4	$\frac{880}{1011}$	4860	
$\frac{0}{0}$	6-7	63.0	68.2	$\frac{1235}{1360}$	6669	

		ORDER No.	Date		Plant hgt. (in.)
			1st Mead	Full Ripe	
1417	SATURN	207	7/6	8/10	47
		500	7/5	8/10	49
	CI. 9540		7/6	122	48
	leafy				
1418	NATO	195	7/9	8/18	56
		399	7/10	8/18	56
	CI. 8998		7/10	130	56
	leafy				
	(Fd.)				
1419	CI. 9628	193	7/5	8/13	45
		389	7/5	8/13	46
	R-2 X 250-MAG.		7/5	122	46
	leafy				
	(2)				
1420	T(N)1	296	7/16	8/20	40
		492	7/16	8/20	39
	PT. 271672		7/16	132	40
	(46)				

YIELD DATA

LODG- ING	AIK	Head	Total	GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0 0 0	1-6,5-7	65.8	68.6	1038 1101 2139	5497	
0 807 40	1-6,5-7	66.0	69.8	822 874 1696	4359	
0 0 0	2-6,4-7	65.4	69.4	926 968 1894	4868	
100 100 100	6-7	47.0	69.8	1335 1495 2830	7273	

DATE	DESCRIPTION	AMOUNT	CHECK NO.	BANK	REMARKS
10/1/20	10/1/20	10/1/20	10/1/20	10/1/20	10/1/20
10/2/20	10/2/20	10/2/20	10/2/20	10/2/20	10/2/20
10/3/20	10/3/20	10/3/20	10/3/20	10/3/20	10/3/20
10/4/20	10/4/20	10/4/20	10/4/20	10/4/20	10/4/20
10/5/20	10/5/20	10/5/20	10/5/20	10/5/20	10/5/20
10/6/20	10/6/20	10/6/20	10/6/20	10/6/20	10/6/20
10/7/20	10/7/20	10/7/20	10/7/20	10/7/20	10/7/20
10/8/20	10/8/20	10/8/20	10/8/20	10/8/20	10/8/20
10/9/20	10/9/20	10/9/20	10/9/20	10/9/20	10/9/20
10/10/20	10/10/20	10/10/20	10/10/20	10/10/20	10/10/20
10/11/20	10/11/20	10/11/20	10/11/20	10/11/20	10/11/20
10/12/20	10/12/20	10/12/20	10/12/20	10/12/20	10/12/20
10/13/20	10/13/20	10/13/20	10/13/20	10/13/20	10/13/20
10/14/20	10/14/20	10/14/20	10/14/20	10/14/20	10/14/20
10/15/20	10/15/20	10/15/20	10/15/20	10/15/20	10/15/20
10/16/20	10/16/20	10/16/20	10/16/20	10/16/20	10/16/20
10/17/20	10/17/20	10/17/20	10/17/20	10/17/20	10/17/20
10/18/20	10/18/20	10/18/20	10/18/20	10/18/20	10/18/20
10/19/20	10/19/20	10/19/20	10/19/20	10/19/20	10/19/20
10/20/20	10/20/20	10/20/20	10/20/20	10/20/20	10/20/20
10/21/20	10/21/20	10/21/20	10/21/20	10/21/20	10/21/20
10/22/20	10/22/20	10/22/20	10/22/20	10/22/20	10/22/20
10/23/20	10/23/20	10/23/20	10/23/20	10/23/20	10/23/20
10/24/20	10/24/20	10/24/20	10/24/20	10/24/20	10/24/20
10/25/20	10/25/20	10/25/20	10/25/20	10/25/20	10/25/20
10/26/20	10/26/20	10/26/20	10/26/20	10/26/20	10/26/20
10/27/20	10/27/20	10/27/20	10/27/20	10/27/20	10/27/20
10/28/20	10/28/20	10/28/20	10/28/20	10/28/20	10/28/20
10/29/20	10/29/20	10/29/20	10/29/20	10/29/20	10/29/20
10/30/20	10/30/20	10/30/20	10/30/20	10/30/20	10/30/20
10/31/20	10/31/20	10/31/20	10/31/20	10/31/20	10/31/20

Year	Month	Day	Time	Location	Remarks
1904	Jan	1	10:00	100	
1904	Jan	2	10:00	100	
1904	Jan	3	10:00	100	
1904	Jan	4	10:00	100	
1904	Jan	5	10:00	100	
1904	Jan	6	10:00	100	
1904	Jan	7	10:00	100	
1904	Jan	8	10:00	100	
1904	Jan	9	10:00	100	
1904	Jan	10	10:00	100	
1904	Jan	11	10:00	100	
1904	Jan	12	10:00	100	
1904	Jan	13	10:00	100	
1904	Jan	14	10:00	100	
1904	Jan	15	10:00	100	
1904	Jan	16	10:00	100	
1904	Jan	17	10:00	100	
1904	Jan	18	10:00	100	
1904	Jan	19	10:00	100	
1904	Jan	20	10:00	100	
1904	Jan	21	10:00	100	
1904	Jan	22	10:00	100	
1904	Jan	23	10:00	100	
1904	Jan	24	10:00	100	
1904	Jan	25	10:00	100	
1904	Jan	26	10:00	100	
1904	Jan	27	10:00	100	
1904	Jan	28	10:00	100	
1904	Jan	29	10:00	100	
1904	Jan	30	10:00	100	
1904	Jan	31	10:00	100	
1904	Feb	1	10:00	100	
1904	Feb	2	10:00	100	
1904	Feb	3	10:00	100	
1904	Feb	4	10:00	100	
1904	Feb	5	10:00	100	
1904	Feb	6	10:00	100	
1904	Feb	7	10:00	100	
1904	Feb	8	10:00	100	
1904	Feb	9	10:00	100	
1904	Feb	10	10:00	100	
1904	Feb	11	10:00	100	
1904	Feb	12	10:00	100	
1904	Feb	13	10:00	100	
1904	Feb	14	10:00	100	
1904	Feb	15	10:00	100	
1904	Feb	16	10:00	100	
1904	Feb	17	10:00	100	
1904	Feb	18	10:00	100	
1904	Feb	19	10:00	100	
1904	Feb	20	10:00	100	
1904	Feb	21	10:00	100	
1904	Feb	22	10:00	100	
1904	Feb	23	10:00	100	
1904	Feb	24	10:00	100	
1904	Feb	25	10:00	100	
1904	Feb	26	10:00	100	
1904	Feb	27	10:00	100	
1904	Feb	28	10:00	100	
1904	Feb	29	10:00	100	
1904	Feb	30	10:00	100	
1904	Feb	31	10:00	100	
1904	Mar	1	10:00	100	
1904	Mar	2	10:00	100	
1904	Mar	3	10:00	100	
1904	Mar	4	10:00	100	
1904	Mar	5	10:00	100	
1904	Mar	6	10:00	100	
1904	Mar	7	10:00	100	
1904	Mar	8	10:00	100	
1904	Mar	9	10:00	100	
1904	Mar	10	10:00	100	
1904	Mar	11	10:00	100	
1904	Mar	12	10:00	100	
1904	Mar	13	10:00	100	
1904	Mar	14	10:00	100	
1904	Mar	15	10:00	100	
1904	Mar	16	10:00	100	
1904	Mar	17	10:00	100	
1904	Mar	18	10:00	100	
1904	Mar	19	10:00	100	
1904	Mar	20	10:00	100	
1904	Mar	21	10:00	100	
1904	Mar	22	10:00	100	
1904	Mar	23	10:00	100	

EAGLE LAKE YIELD TEST

Sown: 4-6

Harvested all plots 8/5/70

		SEEDING ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
401	BLUEBELLE CI. 9544	101			40
		214			41
		308			43
		418			46
		(Fd.)			43
402	BELLE PATNA CI 9433	102			43
		208			42
		314			49
		422			46
		(Fd.)			45
403	DAWN CI. 9534	103			47
		215			49
		302			47
		409			51
		(Fd.)			49
404	NATO CI. 8998	104			48
		219			46
		309			50
		414			51
		(Fd.)			49

405

B6311A5553-16-2 105
 217
 BELLE P. X Dawn 322
 CI. 9830 410
 (334)

Plant
hgt.
(in.)

42
 43
 45
 45
 44

UYN 102

406

B6311A5584-5-8 106
 209
 CI. 9208 318
 ' 401
 (103)

43
 42
 44
 41
 43

UYN 103

407

B6311A5553-16-4 107
 203
 CI. 9831 306
 421
 (333)

43
 42
 41
 45
 43

UYN 105

408

B6311A5528-15 108
 211
 CI. 9710 321
 413
 (116)

40
 41
 45
 44
 43

UYN 116

YIELD DATA

LODG. ING				GMS. PER ROW	ACRE YIELD	
					LBS.	B.
0				763		
				813		
				1080		
				1039		
				3695	4748	
0				765		
				693		
				978		
				702		
				3138	4032	
0				867		
				715		
				1001		
				1026		
				3609	4638	
0				792		
				881		
				1053		
				1082		
				3808	4893	

84
409

B6311A5528-12

ORDER
No.

109

201

BELLE P. X DAWN

313

419

(301)

Date

1st
HeadFull
RisePlant
hgt.
(in.)

42

40

43

44

42

4YN Ex. 331

410

B6311A5529-1

110

222

315

405

(332)

41

40

42

42

41

4YN Ex. 332

411

B6311A5528-4.5.20

111

207

317

415

(1235)

40

41

43.

44

42

4YN Ex. 333

412

B6311A5541-9-2

112

210

307

420

(1209)

41

41

42

45

42

4YN Ex. 334

YIELD DATA

LODG. ING			GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0			898		
			834		
			988		
			1049		
			3769	4843	
0			944		
			917		
			911		
			823		
			3595	4620	
0			823		
			929		
			1016		
			1173		
			3941	5064	
0			874		
			1028		
			1001		
			1172		
			4075	5236	

		Order No.	Date		Plant ht. (in.)
			1st Head	Full Ripe	
413	B6616A4-22-BK-3	113			39
		216			43
	BLB. X (B.P. X D.)	305			40
		408			42
	(1345)				41
	4YN. EX. 335				
414	B6616A3-26-BK-5	114			38
		220			39
		304			41
		412			44
	(628)				41
	4YN. EX. 336				
415	B6616A3-26-BK-10	115			36
		212			38
		319			40
		402			36
	(645)				38
	4YN. EX. 311				
416	B6616A3-26-BK-6	116			36
		205			40
		303			42
		411			44
	(644)				41

YIELD DATA

LOGG- ING				GMS. PER ROW	ACRE YIELD	
					LBS	BL.
0				942		
				1053		
				1069		
				1036		
				4100	5269	
0				896		
				952		
				1032		
				1062		
				3947	5072	
0				861		
				875		
				1059		
				704		
				3499	4496	
0				912		
				1039		
				1103		
				1055		
				4109	5280	

417

B668A1-25-BK-15

ORDER
No.

117

221

(BLB. X D.) X (B.P. X D.)

301

406

(660)

Date
1st Head | Full Ripe

Plant
hgt.
(in.)

38

40

38

42

40

UYN EX. 314

418

B6616A2-38-BK-3

118

213

BLB. X (B.P. X D.)

320

403

(633)

38

40

42

38

40

UYN EX. 316

419

B6334A2-1-2

119

202

CI.9545 X NOVA

311

417

(856)

37

38

41

46

41

UYN EX. 301

420

B6334A2-1-8-25-32

120

218

312

404

(8446)

36

40

40

36

38

UYN EX. 302

YIELD DATA

LODG. ING.				GMS. PER ROW	ACRE YIELD	
					LBS.	B.
0				821		
				942		
				852		
				937		
				3552	4564	
0				930		
				982		
				1235		
				735		
				3882	4988	
0				810		
				884		
				992		
				1218		
				3904	5017	
0				1113		
				1088		
				1210		
				1031		
				4442	5708	

421

B6334A1-1-5

ORDER
No.

121

204

CI. 9545 X Nova

316

407

(402)

Date

1st
Head

Full
Ripe

Plant
hgt.
(in.)

38

38

38

39

38

UYN, EX. 304

422

SATURN

120

206

CI. 9540

310

416

(12)

50

45

47

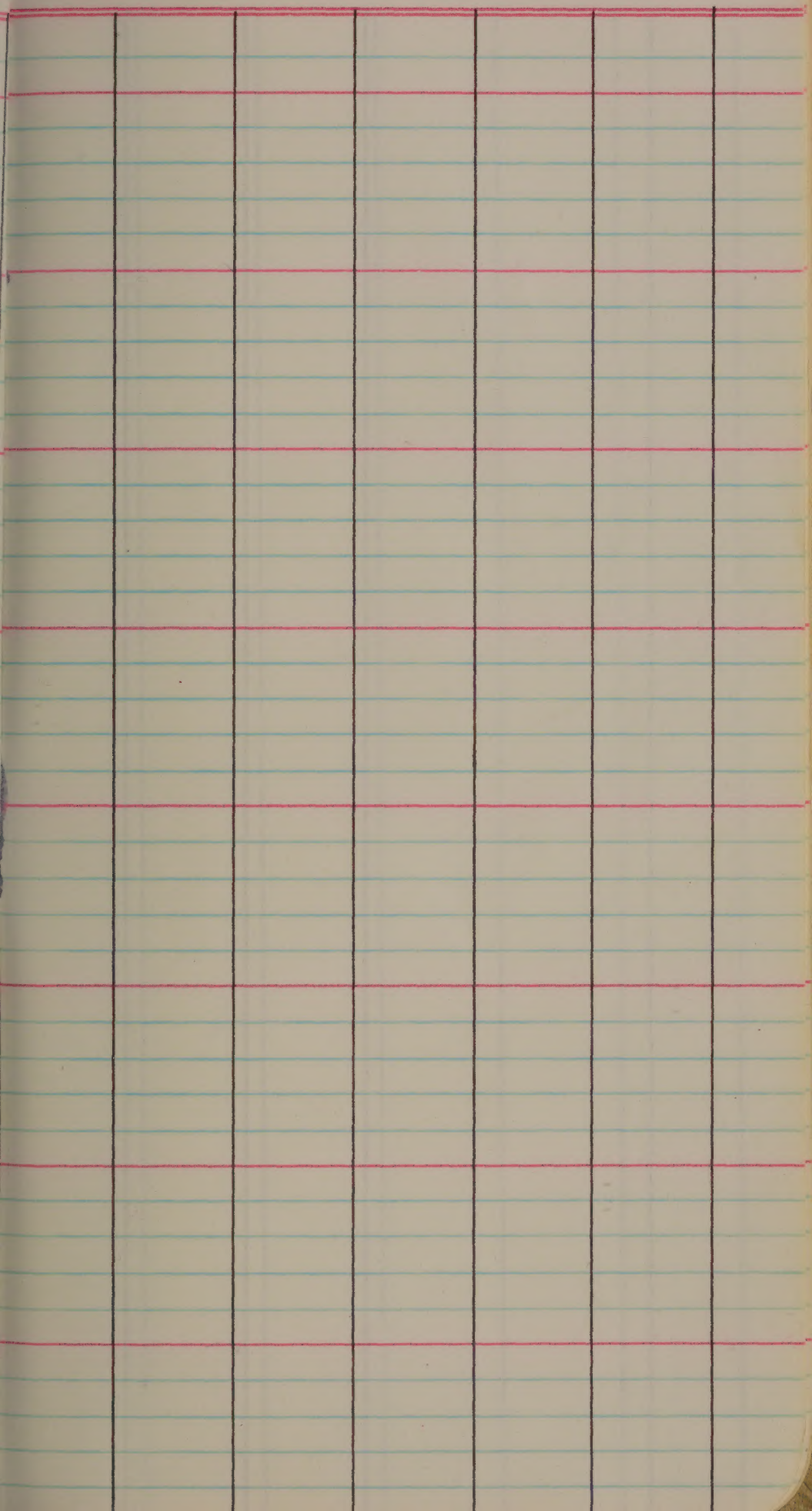
51

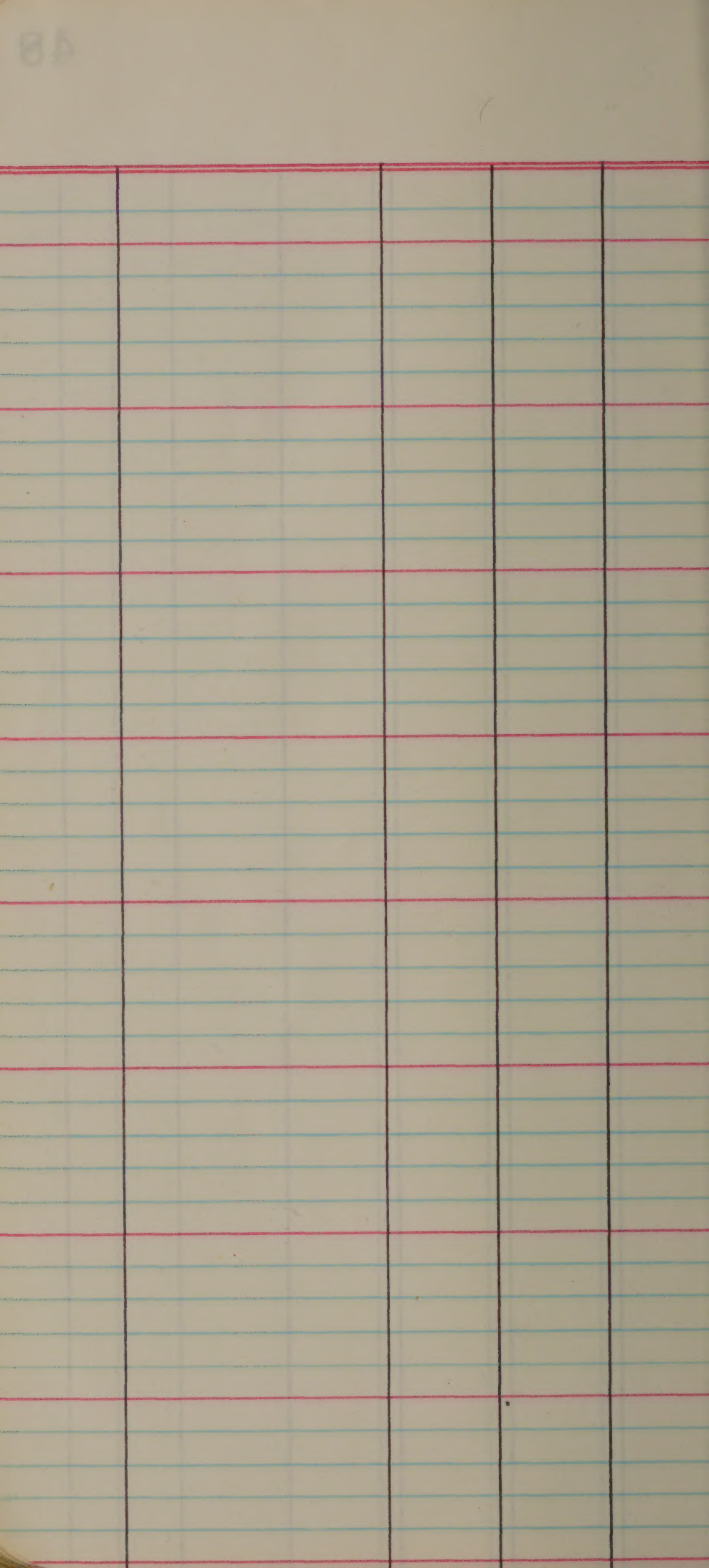
48

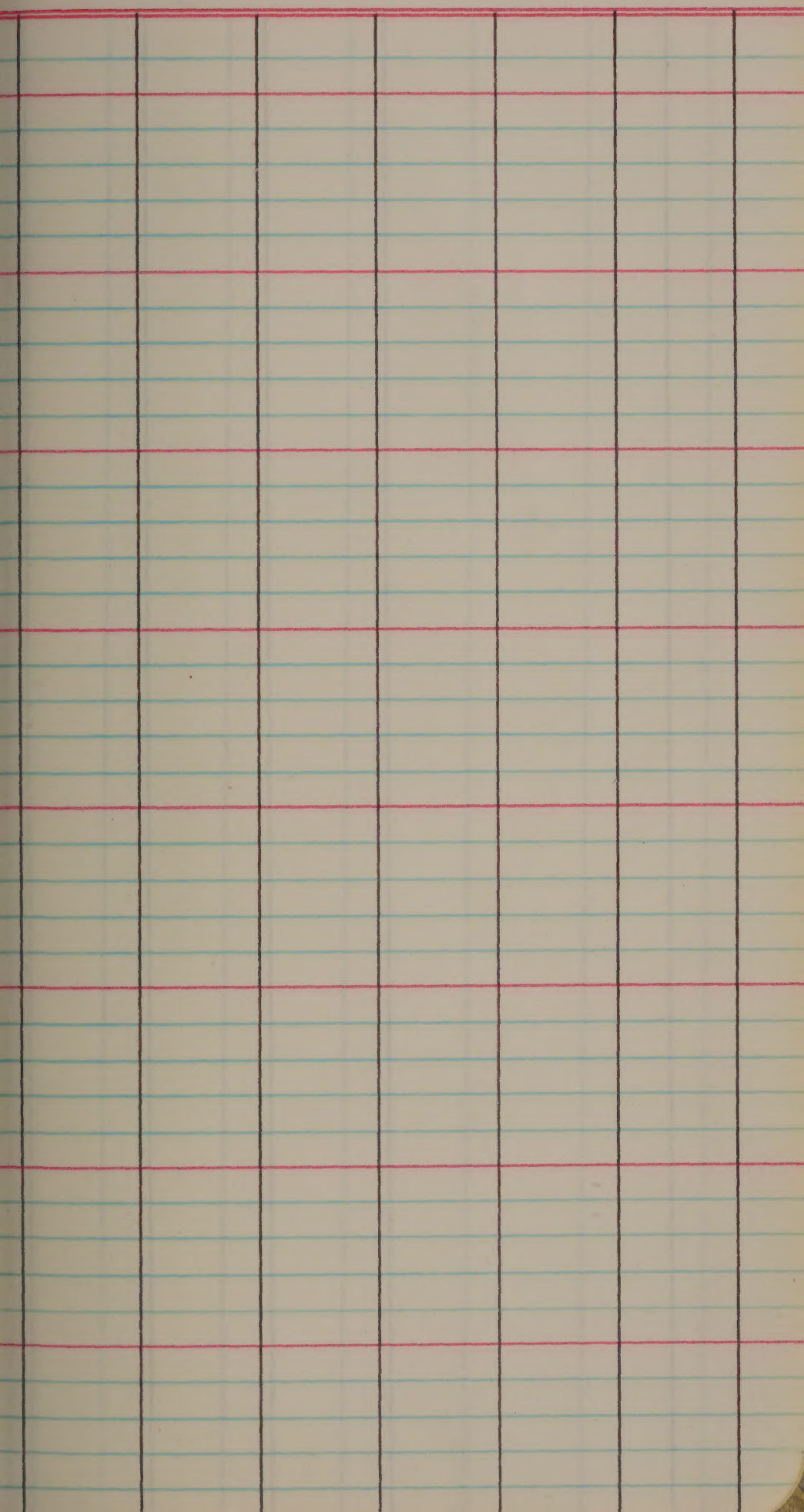
YIELD DATA

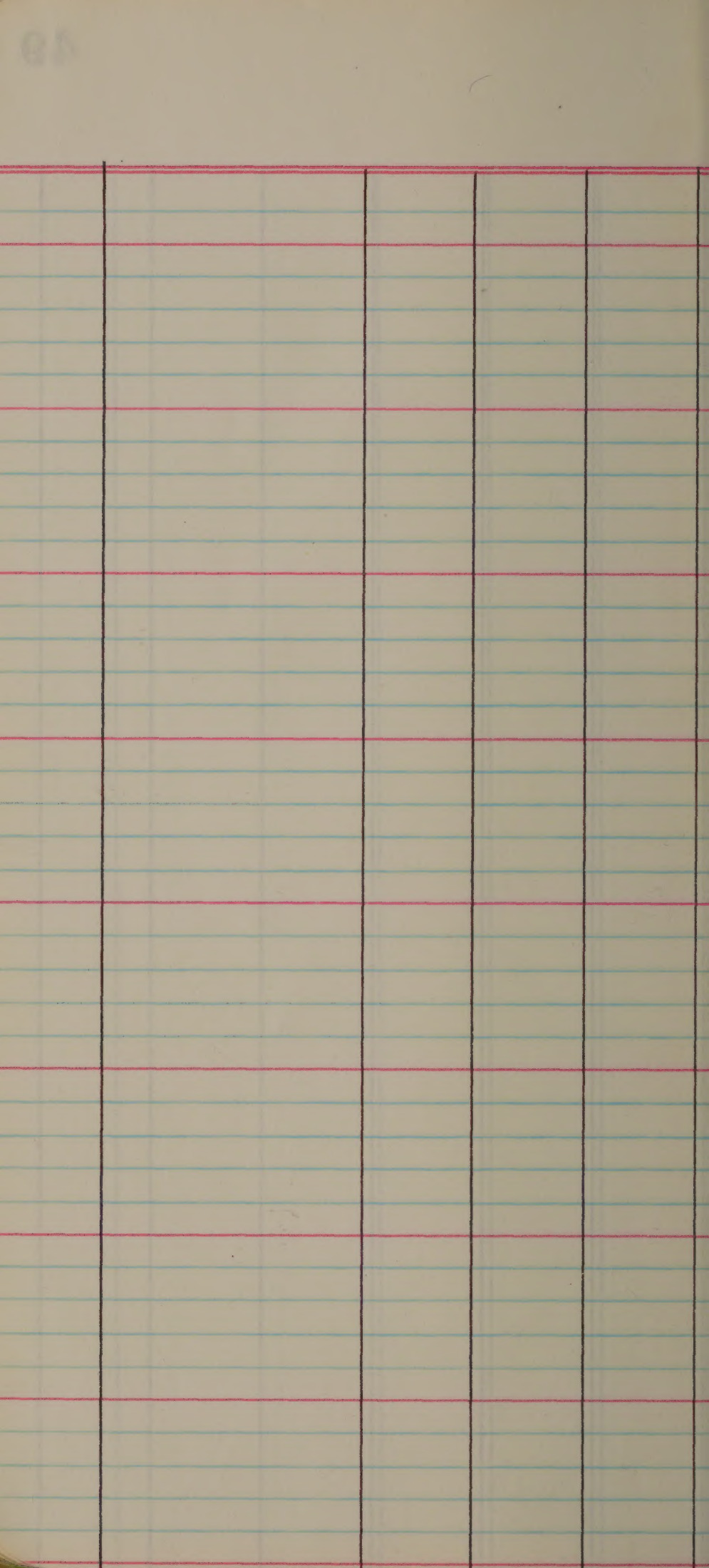
LODG. ING				GMS. PER ROW	ACRE YIELD	
					LB.	BU.
0				933		
				1096		
				1207		
				1094		
				4330	5564	
0				—	1266 AVERAGE	
				1228		
				1296		
				1275		
				5065	6509	

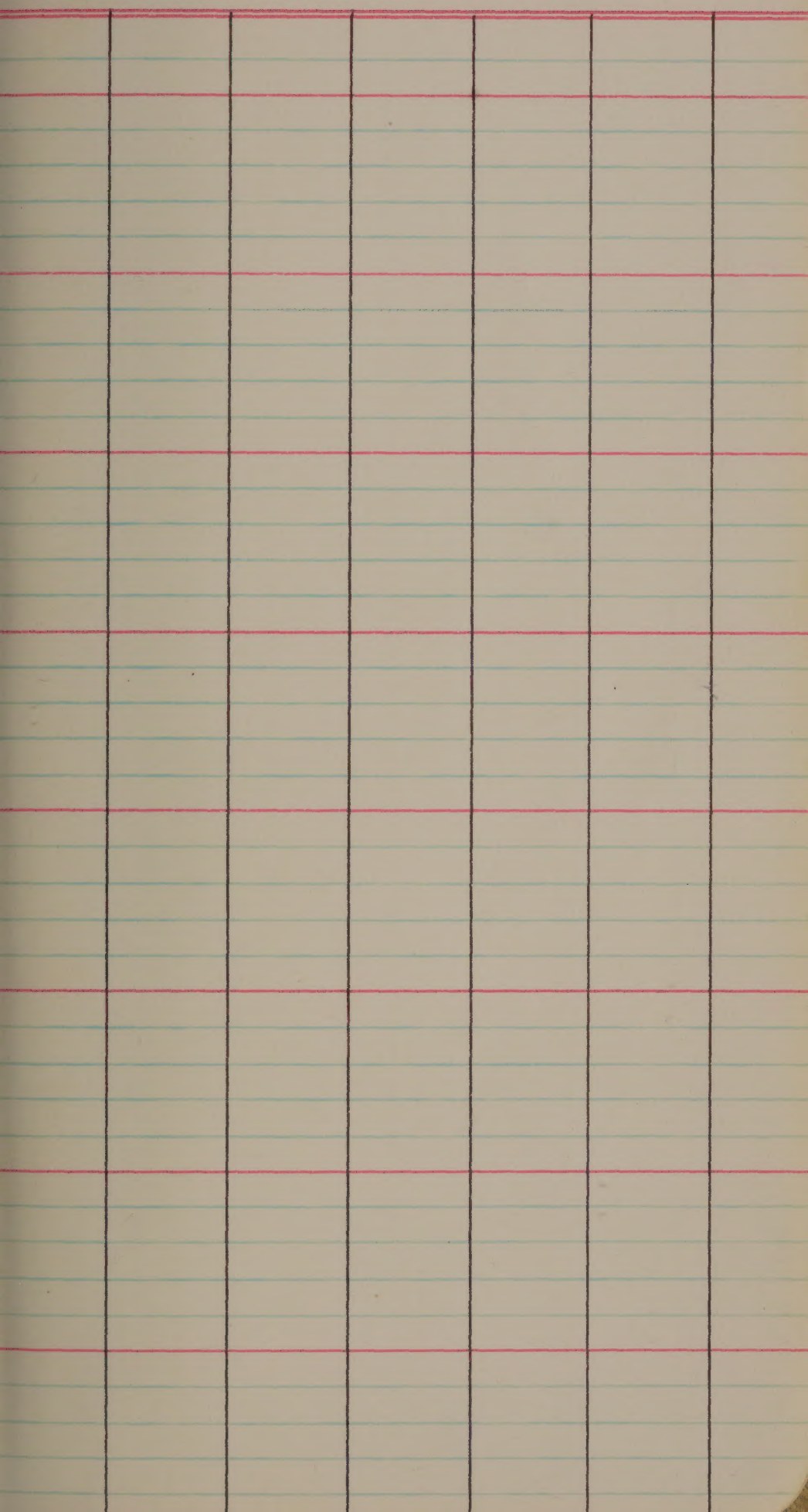
[illegible]











1970

S.N.P.

Row Spacing



CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

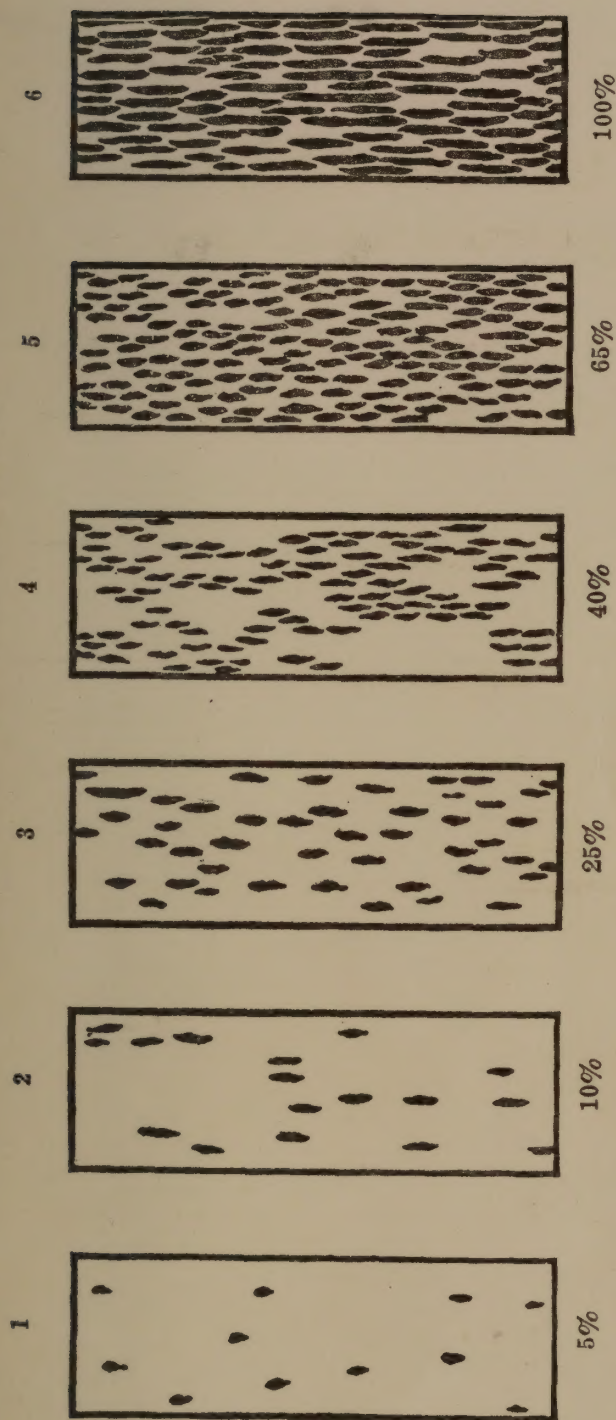


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Bld 20E

501-588

Sown: 4-17

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
501	B6311A1-20-1-2 BELLE P. X DAWN (331)	7/2	$\frac{8/7}{1/2}$	48
502	B6311A5529-1 1970 E. LAKE 410 (332)	7/2	$\frac{8/3}{108}$	45
503	B6311A5601-4 (335)	7/1	$\frac{8/3}{108}$	48
504	B6311A5602-6 (336)	7/1	$\frac{8/3}{108}$	48
505	B6311A1-17-4-1 (1201)	7/3	$\frac{8/3}{108}$	48
506	B6311A5591-4 (1203)	7/1	$\frac{8/3}{108}$	47
507	B6311A5602-5 (1205)	7/1	$\frac{8/3}{108}$	48
508	B6311A5601-1-5 (1257)	7/1	$\frac{8/3}{108}$	49

C.F. GM/PLOT X 5.14 = LB./A.

1

LODGING	MILLING Amy.		YIELD DATA		
	$\frac{\%}{\text{HEAD}}$ TOTAL	ALK.	GMS. PER ROW	ACRE YIELD LB.	BL.
0	$\frac{40.2}{65.7}$	27.6 2-3, 4-4 23.8	911	4683	
0	$\frac{51.0}{66.5}$	27.7 2-3, 4-4 24.2	835	4292	
0	$\frac{47.8}{64.3}$	27.6 3-3, 3-4 23.8	909	4672	
0	$\frac{46.3}{65.5}$	26.8 13, 5-4 23.2	836	4297	
0	$\frac{46.9}{64.8}$	28.0 1-3, 5-4 24.4	941	4837	
0	$\frac{46.5}{66.2}$	29.2 1-3, 5-4 25.2	857	4405	
0	$\frac{47.4}{64.2}$	27.6 4-3, 2-4 23.8	941	4837	
0	$\frac{50.2}{67.8}$	27.5 1-3, 5-4 23.8	925	4755	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
509	B6311A5602-7-2 BELLE P. X DAWN (1261)	6/30	$\frac{8/3}{108}$	47
510	B6311A5604-14-1 (1265)	7/1	$\frac{8/3}{108}$	47
511	B6311A5535-5-1 (1269)	7/1	$\frac{8/3}{108}$	48
512	BELLE PATNA CI. 9433 (Fd.)	7/2	$\frac{8/3}{108}$	50
513	B6311A5541-1-5-19-2 BELLE P. X DAWN (501)	7/3	$\frac{8/3}{118}$	47
514	B6311A5541-8-12-22-5 (503)	7/5	$\frac{8/3}{118}$	46
515	B6311A5610-1-4-8-2 (505)	7/2	$\frac{8/11}{116}$	46
516	B6311A5560-1-2-4 (509)	7/1	$\frac{8/3}{108}$	45

MILLING			YIELD DATA		
LODGING	HEAD % TOTAL	Amy. ALK	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	46.9 64.3	27.5 4-3, 2-4 23.8	891	4580	
0	47.2 64.3	27.4 3-3, 3-4 23.8	935	4806	
40% L	45.7 63.8	28.5 1-3, 5-4 24.8	985	5063	
40% L	50.4 66.2	28.0 2-3, 4-4 24.4	961	4940	
0	37.2 68.2	27.6 3-3, 3-4 23.8	958	4924	
0	35.0 65.7	27.7 5-3, 1-4 24.2	870	4472	
0	40.8 62.8	28.8 1-3, 5-4 24.8	915	4703	
0	51.8 65.6	27.7 1-2, 5-3 24.2	830	4266	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
517	B6311A5602-7.5.3 BELLE P. X DAWN (514)	7/11	$\frac{8/3}{108}$	47
518	B6311A5603-9-1-2 (517)	7/11	$\frac{8/3}{108}$	47
519	BLUEBELLE CI. 9544 (Fr.)	7/15	$\frac{8/13}{118}$	46
520	B671A2-M36-BK A2-36-M. BL - BK RLB. 1/2 X (R.P. X D.) (2805)	7/17	$\frac{8/14}{119}$	48
521	B671A2-M39-BK 39-M. BL (2808)	7/17	$\frac{8/14}{119}$	45
522	B671A2-M72-BK -72-M. BL (2843)	7/18	$\frac{8/14}{119}$	47
523	B671A2-M83-BK -83-M- (2855)	7/15	$\frac{8/13}{118}$	42
524	B671A2-M96-BK -96-M- (2867)	7/17	$\frac{8/13}{118}$	47

MILLING Amy.

YIELD DATA

LOAD INC	HEAD TOTAL	ALK	GMS. PER ROW	ACRE YIELD	
				LB.	BL.
0	49.5 — 64.6	27.7 43, 2-4 24.2	958	4924	
0	44.6 — 62.8	27.4 43, 2-4 23.8	958	4924	
0	46.6 — 66.6	27.4 12, 2-3, 3-4 23.8	974	5006	
0	45.8 — 65.8	28.0 3-3, 3-4 24.4	954	4904	
0	47.0 — 64.8	29.4 6-3 25.4	893	4590	
0	45.0 — 64.7	28.0 1-2, 3-3, 2-4 24.4	821	4220	
0	44.2 — 65.6	28.0 3-2, 3-3 24.4	911	4683	
0	51.1 — 67.2	28.3 22, 3-3, 1-4 24.4	1023	5258	

		Date		Plant hgt. (in.)
		1st Head	Full Rise	
525	B671A2-M121-BK -121-M- B2B.1/2 X (B.P. X D.) (2894)	7/6	$\frac{8/14}{119}$	47
526	B671A2-M126-BK -126-M- (2899)	7/4	$\frac{8/11}{116}$	46
527	B671A2-M154-BK -154-M- (2927)	7/5	$\frac{8/11}{116}$	44
528	B671A2-M174-BK -174-M- (2947)	7/5	$\frac{8/13}{118}$	47
529	B671A2-M192-BK -192-M- (2968)	7/4	$\frac{8/11}{116}$	45
530	B665A1-5-4-4 ★ DAWN X BLUEBELLE (3140)	7/4	$\frac{8/11}{116}$	44
531	B665A1-43-BK-4-6 (3199)	7/4	$\frac{8/12}{117}$	45
532	B665A1-53-BK-4 ★ Excellent plant (3291)	7/8	$\frac{8/13}{118}$	42

Milling
90

Amy

YIELD DATA

LOGGING	HEAD	AIK	GMS. PER ROW	ACRE YIELD	
	TOTAL			LBS.	BL.
0	$\frac{47.2}{65.4}$	28.2 3-3, 3-4 24.4	901	4631	
0	$\frac{49.8}{65.8}$	29.4 2-3, 4-4 25.4	889	4569	
0	$\frac{50.7}{66.3}$	28.0 2-3, 4-4 24.4	900	4626	
0	$\frac{40.8}{63.9}$	27.6 4-2, 1-3, 1-4 23.8	930	4780	
0	$\frac{50.6}{66.6}$	27.7 2-2, 1-3, 3-4 24.2	880	4523	
0	$\frac{56.1}{69.0}$	28.5 4-3, 2-4 24.8	900	4626	
0	$\frac{48.1}{67.3}$	29.2 5-3, 1-4 25.2	1017	5227	
0	$\frac{42.2}{64.7}$	27.7 4-3, 2-4 24.2	1032	5304	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
533	B6612A1-27-3 B2B.1/2 X DAWN (546)	7/5	$\frac{8/13}{118}$	47
534	B6612A1-5-1-2 (3302)	7/5	$\frac{8/12}{117}$	48
535	B6612A1-62-5-3 (3338)	7/5	$\frac{8/13}{118}$	46
536	B6612A2-9-1-4 (3362)	7/5	$\frac{8/13}{118}$	46
537	B6612A2-9-2-4 (3367)	7/4	$\frac{8/12}{117}$	44
538	B6612A2-9-3-5 (3373)	7/5	$\frac{8/13}{118}$	45
539	B6612A2-21-1-4 (3382)	7/5	$\frac{8/11}{116}$	44
540	B6612A2-25-3-2 (3385)	7/4	$\frac{8/11}{116}$	44

MILLING Amy

YIELD DATA

LOADING	90 HEAD TOTAL	A1K	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	$\frac{49.9}{68.0}$	27.0 43,2-4 23.4	995	5114	
0	$\frac{47.2}{69.0}$	28.3 1-3,5-4 24.4	941	4837	
0	$\frac{42.2}{66.7}$	27.6 1-2,4-3,1-4 23.8	1031	5299	
0	$\frac{39.0}{66.9}$	28.8 2-2,4-3 24.8	977	5022	
0	$\frac{45.7}{69.0}$	27.9 1-2,5-3 24.2	1009	5186	
0	$\frac{50.6}{69.6}$	28.2 4-2,2-3 24.4	1058	5438	
0	$\frac{47.8}{67.4}$	28.0 3-2,3-3 24.4	989	5083	
0	$\frac{56.8}{71.0}$	28.2 5-2,1-3 24.4	955	4909	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
541	B6612A2-53-4-3 BLR/2 X DAWN (3406)	7/8	$\frac{8/13}{1/8}$	43
542	B6612A2-45-BK-5-7 (3524)	7/5	$\frac{8/11}{1/6}$	44
543	B6612A2-45-BK-18-8 (3545)	7/4	$\frac{8/11}{1/6}$	41
544	B6612A3-1-BK-20-1 (3591)	7/5	$\frac{8/12}{1/7}$	44
545	B6612A3-4-BK-5-5 (3605)	7/7	$\frac{8/13}{1/8}$	45
546	B6612A2-58-BK-2 (3686)	7/7	$\frac{8/13}{1/8}$	46
547	B6612A3-1-BK-3 (3692)	7/3	$\frac{8/11}{1/6}$	45
548	B661A2-50-4 ALB. X (BP. X D.) (1333)	7/3	$\frac{8/13}{1/8}$	45

MILLING AMY

YIELD DATA

LODGING	90 HEAD TOTAL	A.I.K.	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	48.2 69.1	28.2 32.3-3 24.4	1048	5387	
0	49.7 67.0	28.0 42.2-3 24.4	1010	5191	
0	51.2 68.8	27.9 22.4-3 24.2	1076	5531	
0	51.0 68.2	28.3 42.2-3 24.4	998	5130	
0	49.4 66.5	27.7 6-3 24.2	952	4893	
0	47.6 71.2	27.6 13.5-4 23.8	991	5094	
0	49.7 67.2	27.9 23.3-4.5 24.2	1063	5464	
0	41.8 65.9	28.6 13.5-4 24.8	1034	5315	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
549	B661A2-66-4 BLB. X (B.P. X D.) (1334)	7/3	$\frac{8/7}{1/2}$	43
550	B662A1-20-1 BLB. X (B.P. X D.) (1336)	7/5	$\frac{8/13}{1/8}$	45
551	B661A2-11-BK-1 BLB. X (B.P. X D.) (591)	7/3	$\frac{8/7}{1/2}$	46
552	BLUEBELLE CI. 9544 (142)	7/5	$\frac{8/13}{1/8}$	46
553	B661A2-30-BK-5 BLB. X (B.P. X D.) (595)	7/3	$\frac{8/11}{1/6}$	46
554	B661A2-66-BK-5 (606)	7/3	$\frac{8/11}{1/6}$	46
555	B662A2-24-2 BLB. X (B.P. X D.) (611)	7/3	$\frac{8/7}{1/2}$	46
556	B662A1-24-BK-4 (615)	7/4	$\frac{8/11}{1/6}$	46

MILLING Amy

YIELD DATA

LODG. ING	90 HEAD TOTAL	Aik	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	50.4 65.0	27.3 6-4 23.8	938	4821	
0	47.8 66.4	27.9 1-3,5-4 24.2	1004	5161	
0	50.6 66.2	30.7 2-3,4-4 26.6	1037	5330	
0	44.4 67.0	28.5 2-2,4-3 24.8	977	5022	
0	51.2 67.4	26.6 1-3,5-4 23.2	1118	5747	
0	47.8 67.0	27.4 1-3,5-4 23.8	1017	5227	
0	50.5 65.6	27.4 1-3,5-4 23.8	1018	5233	
0	49.8 66.6	28.0 1-3,5-4 24.4	1039	5340	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
557	B662A1-55-BK-2 BLB. X (B.P. X D.) (616)	7/7	$\frac{8/13}{118}$	46
558	B6616A2-49-BK. f BLB. X (B.P. X D.) (640)	7/3	$\frac{8/11}{116}$	47
559 ★	B661A1-28-4-4 BLB. X (B.P. X D.) (3719)	7/5	$\frac{8/11}{116}$	44
560	BELLE PATNA CI. 9433 (FQ.)	7/1	$\frac{8/4}{109}$	49
561	B661A2-50-3-1 BLB. X (B.P. X D.) (3741)	7/7	$\frac{8/14}{119}$	47
562	B661A1-19-BK-3-3 (3776)	7/7	$\frac{8/13}{118}$	45
563 ★	B661A1-28-BK-11-9 (3834)	7/5	$\frac{8/11}{116}$	44
564 ★	B661A2-11-BK-1-7 (3934)	7/4	$\frac{8/11}{116}$	44

MILLING Amy

YIELD DATA

LODG. ING	HEAD 90 TOTAL	ALK	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	44.0 65.6	27.2 3-3-4 23.4	1054	5418	
0	37.4 64.2	28.3 1-3, 4-4, 1-5 24.4	1000	5140	
0	51.7 67.2	28.3 1-3, 5-4 24.4	1069	5495	
0	49.0 67.3	27.9 1-3, 5-4 24.2	954	4904	
0	47.4 65.0	25.3 3-3-4 22.0	991 5094	5094	
0	46.1 64.2	27.7 1-3, 5-4 24.2	1069	5495	
0	50.6 68.2	29.4 6-4 25.4	1059	5443	
0	49.7 66.4	27.2 1-3, 5-4 23.4	1026	5274	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
565	B661A2-15-BK-13-7 BLB. X (B.P. X D.) (3957)	7/6	$\frac{8/11}{1/6}$	47
566	B661A2-30-BK-6-7 (3987)	7/4	$\frac{8/14}{1/9}$	45
567	B661A2-42-BK-12-9 leafy (4051)	7/6	$\frac{8/14}{1/9}$	44
568	B661A2-50-BK-6-7 (4069)	7/4	$\frac{8/13}{1/8}$	42
569	B661A2-66-BK-2-8 (4102)	7/3	$\frac{8/11}{1/6}$	43
570	B661A1-30-BK-3 (4120)	7/5	$\frac{8/11}{1/6}$	46
571	B662A1-13-3-2 ALB. X (B.P. X D.) (4215)	7/5	$\frac{8/12}{1/7}$	42
572	B662A1-24-BK-4-3 (4305)	7/5	$\frac{8/11}{1/6}$	44

MILLING Amy

YIELD DATA

LODG- ING	HEAD TOTAL	ALK	GMS. PER ROW	ACRE YIELD	
				lbs.	B.
0	46.2 64.2	26.3 5-31-4 22.8	927	4765	
0	43.8 64.8	26.6 4-32-4 23.2	960	4934	
0	45.0 66.7	26.6 3-32-41-5 22.6	863	4436	
0	37.8 65.8	28.2 3-33-4 24.4	951	4888	
0	47.9 64.7	27.7 3-33-4 24.2	986	5068	
0	47.2 66.6	27.2 2-33-41-6 23.4	988	5078	
0	46.4 66.3	28.0 5-31-4 24.4	925	4755	
0	53.8 68.7	27.7 1-35-4 24.2	1074	5520	

573

B662A1-24-BK-8-5

7/4

$$\frac{8/12}{117}$$

42

BLB. X (B.P. X D.)

(4317)

574

B662A1-55-BK-2-9

7/7

$$\frac{8/14}{119}$$

44

(4342)

575

B662A2-18-BK-11-6

7/3

$$\frac{8/11}{116}$$

43

(4401)

576

B6616A1-11-1-6

7/5

$$\frac{8/14}{119}$$

47

BLB. X (B.P. X D.)

(4465)

577

B6616A2-49-BK-4-8

7/3

$$\frac{8/11}{116}$$

48

(4731)

578

B668A1-27-BK-10

7/3

$$\frac{8/7}{112}$$

46

(BLB. X D.) X (B.P. X D.)

(661)

579

B668A1-25-2-5

7/2

$$\frac{8/7}{112}$$

47

(4930)

580

B668A1-25-BK-15-5

7/3

$$\frac{8/7}{112}$$

47

(4945)

Milling Amy

YIELD DATA

LODG. ING	HEAD TOTAL	A1K	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	44.0 69.2	27.5 13.5-4 1-3,5-4 23.4	1009	5186	
0	44.8 64.2	26.8 12.3,3.2-4 23.2	988	5078	
0	49.7 65.6	27.6 12.4,3.1-4 23.8	991	5094	
0	41.2 66.7	27.0 12.5-3 23.4	1041	5351	
0	33.0 63.1	26.8 22.4-3 23.2	1006	5171	
0	45.3 65.8	27.7 6-3 24.2	941	4837	
0	43.8 64.0	27.8 12.5-3 24.2	951	4888	
0	42.5 65.6	28.4 12.5-3 24.4	916	4708	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
581	B668A1-25-BK-16-7 (B.B. X D.) X (^{B.P.} B.B. X D.) (4960)	7/2	$\frac{8/7}{1/2}$	47
582	B668A1-27-BK-8-1 (4964)	7/2	$\frac{8/7}{1/2}$	47
583	B668A1-27-BK-10-2 (4975)	7/2	$\frac{8/7}{1/2}$	46
584	B668A1-27-BK-22-5 (5018)	7/2	$\frac{8/7}{1/2}$	47
585	B6210A1-1-3-3-4 DAWN X CI. 9187 (668)	7/5	$\frac{8/13}{1/8}$	46
586	B6210A1-7-1-3-3 (5312)	7/14	$\frac{8/25}{1/30}$	49
587	B6210A1-26-4-3-2 (5395)	7/11	$\frac{8/25}{1/30}$	46
588	B6210A1-16-2-2-3 (5456)	7/14	$\frac{8/25}{1/30}$	48

Milling Amy

YIELD DATA

LOGGING	HEDD TOTAL	A1K	GMS. PER ROW	ACRE YIELD	
				LB.	BL.
0	42.6 63.0	27.7 1-2,5-3 24.2	881	4528	
0	39.2 64.2	28.0 2-3,3-4,1-5 24.4	955	4909	
0	43.8 63.2	27.2 3-3,3-4 23.4	876	4503	
0	45.8 64.6	26.6 5-3,1-4 23.2	867	4456	
0	45.6 66.6	27.7 3-2,2-3,1-6 24.2	1070	5500	
0	40.1 59.2	27.7 2-2,4-3 24.2	1109	5700	
0	39.4 59.8	27.9 2-2,4-3 24.2	1028	5284	
0	44.9 63.6	27.0 3-2,3-3 23.4	1118	5747	

Bib. 19E

589-676

Sown: 4-17

EMERG:

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
589	B6210A1-26-3-1-6 DAWN X CI. 9187 (5477)	7/12	$\frac{8/25}{130}$	48
590	B6210A1-6-3-1-1 (5503)	7/17	$\frac{8/20}{125}$	46
591	B6210A1-7-2-4-4 (5540)	7/10	$\frac{8/20}{125}$	47
592	B6210A1-16-2-2-2 (5611)	7/10	$\frac{8/20}{125}$	47
593	B6210A1-26-3-1-4 (5621)	7/11	$\frac{8/20}{125}$	46
594	DAWN CI. 9534 (F.R.)	7/14	$\frac{8/25}{130}$	53
595	B6343A1-8-9-1 Dawn x CI 9569 (680)	7/11	$\frac{8/18}{123}$	50
596	B6343A1-5-7-3-1 Early 200. (681)	7/12	$\frac{8/18}{123}$	49

MILLING Amy

LOADING	YIELD DATA			
	HEAD TOTAL	AIK	GMS. PER ROW	ACRE YIELD LBS.
0	$\frac{40.6}{61.6}$	$\frac{27.8}{4-2, 2-3}$ 24.2	989	5083
0	$\frac{48.8}{63.0}$	$\frac{27.7}{2-2, 4-3}$ 24.2	871	4477
0	$\frac{33.0}{59.5}$	$\frac{26.3}{6-4, 2-2, 1-3, 3-4}$ 22.8	985	5063
10%	$\frac{40.4}{60.6}$	$\frac{27.8}{6-4}$ 24.2	943	4847
	$\frac{45.5}{64.6}$	$\frac{27.9}{2-3, 4-4}$ 24.2	989	5083
	$\frac{47.9}{64.0}$	$\frac{28.7}{3-3, 3-4}$ 24.8	1061	5454
	$\frac{53.9}{66.0}$	$\frac{28.2}{2-2, 4-3}$ 24.4	996	5119
	$\frac{41.4}{57.3}$	$\frac{27.5}{3-2, 3-3}$ 23.8	928	4770

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
597	B6343A1-8-9-4-5-1 Dawn x CI 9569 (682)	7/14	$\frac{8/18}{123}$	51
598	B6343A1-5-7-1-3-2 Dawn x CI. 9569 (5695)	7/12	$\frac{8/18}{123}$	47
599	B6343A1-8-9-1-4-5 (5703)	7/9	$\frac{8/18}{123}$	47
600	STARBONNET CI. 9584 (52)	7/22	$\frac{8/25}{130}$	48
601	KULU many early nights! never heading. (CALIF.)	7/5?	$\frac{8/11}{116}$	47
602	B6344A2-1-7-1 Dawn x CI 9570 (683)	7/11	$\frac{8/18}{123}$	46
603	B6344A2-1-10-10-4/1 (689)	7/14	$\frac{8/20}{125}$	45
604	B6344A2-2-1-9-2-1 (690)	7/14	$\frac{8/20}{125}$	44

Milling Amy

YIELD DATA

LOADING	$\frac{\%}{\text{HEAD}} \div \frac{\%}{\text{TOTAL}}$	$\frac{\%}{\text{TOTAL}}$	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
	52.2	27.7	1077	5536	
	63.9	1-3, 5-4 24.2			
	40.0	28.8	1043	5361	
	56.7	3-2, 3-3 24.8			
	53.4	28.4	1033	5310	
	66.6	2-2, 3-3, 1-4 24.4			
	43.0	27.0	820	4215	
	55.4	3-2, 3-3 23.4			
100%	36.1	27.6	706	3629	
	54.3	6-2 19.6			
	49.7	27.0	992	5099	
	63.8	1-3, 5-4 23.4			
	48.4	28.5	967	4970	
	64.8	2-2, 4-3 24.8			
	46.7	28.4	971	4991	
	64.6	1-2, 5-3 24.4			

		Date		Plant hgt. (in.)
		1st Head	Full Rise	
605	B6344A 2-1-4-3 DAWN X CI. 9570 (5712)	7/14	$\frac{8/20}{125}$	47
606	B6344A 2-1-6-2 (5716)	7/18	$\frac{8/25}{130}$	48
607	B6344A 2-1-9-10 Early crop (5745)	7/15	$\frac{8/25}{130}$	47
608	B6344A 2-1-10-10 (5749)	7/15	$\frac{8/20}{125}$	42
609	B6344A 2-2-1-9 (5759)	7/14	$\frac{8/25}{130}$	45
610	B6344A 2-2-1-9 (5765)	7/15	$\frac{8/25}{130}$	45
611	B6344A 2-2-9-6 (5780)	7/15	$\frac{8/25}{130}$	49
612	B6344A 2-2-9-13 (5786)	7/18	$\frac{8/25}{130}$	49

MILLING ARMY

YIELD DATA

LOADING	90 HEAD TOTAL	A11K	GMS. PER ROW	ACRE YIELD	
				lbs.	bu.
	47.1 64.3	27.4 22.1 3.3-4 23.8	1016 -	5222	
	51.2 65.5	28.5 12.5-3 24.8	1019	5238	
	46.4 62.2	27.4 12.2-3.3-4 23.8	1097	5639	
	48.2 64.4	27.9 1-3.5-4 24.2	1004	5161	
	47.7 65.4	28.5 1-3.5-4 24.8	1040	5346	
	46.2 65.4	28.0 1-3.5-4 24.4	1020	5243	
	59.1 65.1	27.2 3-2.3-3 23.4	1180	6065	
	57.7 64.8	23.4 4-2.2-3 20.2	1124	5777	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
613	B6344A2-4-6-2 DAWN X CI. 9570 (5804)	7/14	$\frac{8/25}{130}$	49
614	B6345A3-9-9-1 DAWN X CI 9442 (694)	7/11	$\frac{8/20}{125}$	49
615	B6345A3-10-6-1 (5849)	7/17	$\frac{8/25}{130}$	49
616	B6346A1-8-4-3-1 DAWN X CI 9572 (697)	7/11	$\frac{8/20}{125}$	47
617	B6346A1-8-4-5-1 (698)	7/13	$\frac{8/25}{130}$	47
618	B6346A2-15-2-2-1 (699)	7/14	$\frac{8/25}{130}$	47
619	BELLE PATNA CI. 9433 (FD.)	6/30	$\frac{8/4}{109}$	50
620	B6346A1-1-8-4 DAWN X CI. 9572 (5861)	7/10	$\frac{8/25}{130}$	49

Milling Amy

Lodg.
ing80%
%
HEAD
TOTAL

A1K

YIELD DATA

GMS.
PER
ROW

ACRE YIELD

LBS.

B.L.

$$\begin{array}{r} 53.9 \\ \hline 67.0 \end{array}$$

$$\begin{array}{r} 27.6 \\ 12, 2-3, 3-4 \\ 23.8 \end{array}$$

1070 5500

$$\begin{array}{r} 54.5 \\ \hline 65.0 \end{array}$$

$$\begin{array}{r} 26.6 \\ 4-3, 2-4 \\ 23.2 \end{array}$$

1024 5263

$$\begin{array}{r} 43.0 \\ \hline 61.4 \end{array}$$

$$\begin{array}{r} 27.0 \\ 3-2, 3-3 \\ 23.4 \end{array}$$

1031 5299

$$\begin{array}{r} 45.0 \\ \hline 63.6 \end{array}$$

$$\begin{array}{r} 27.6 \\ 12, 2-3, 3-4 \\ 23.8 \end{array}$$

901 4631

$$\begin{array}{r} 45.0 \\ \hline 64.1 \end{array}$$

$$\begin{array}{r} 26.3 \\ 12, 2-3, 3-4 \\ 22.8 \end{array}$$

1003 5155

$$\begin{array}{r} 40.7 \\ \hline 59.6 \end{array}$$

$$\begin{array}{r} 28.0 \\ 1-3, 5-4 \\ 24.4 \end{array}$$

1018 5233

$$\begin{array}{r} 49.5 \\ \hline 68.1 \end{array}$$

$$\begin{array}{r} 26.5 \\ 1-3, 5-4 \\ 23.2 \end{array}$$

931 4785

$$\begin{array}{r} 47.2 \\ \hline 64.2 \end{array}$$

$$\begin{array}{r} 29.0 \\ 6-3 \\ 25.2 \end{array}$$

1020 5243

		Date		Plant ht. (in.)
		1st Head	Full Ripe	
621	B6346A1-1-8-4 Dawn X CI. 9572 (5866)	7/12	$\frac{8/25}{130}$	47
622	B6346A1-6-2-2 (5878)	7/16	$\frac{8/20}{125}$	50
623	B6346A2-1-5-2 (5893)	7/14	$\frac{8/25}{130}$	47
624	BLUEBELLE CI. 9544	7/13	$\frac{8/12}{117}$	45
625	Ed. B6348A1-BK-17-1 (B650xHD341) x OS-57 (705)	7/12	$\frac{8/20}{125}$	46
626	B6348A1-BK-17-2 (706)	7/12	$\frac{8/20}{125}$	46
627	B6348A1-BK-17-4 (707)	7/12	$\frac{8/18}{123}$	48
628	B6348A1-BK-54-4 (709)	7/14	$\frac{8/20}{125}$	45

Milling Amy

HEAD
TOTAL

A1K

YIELD DATA

LODG. ING			GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
	51.1 — 65.6	29.4 3-2, 3-3 25.4	1008	5181	
	53.1 — 65.8	29.0 2-2, 3-3, 1-4 25.2	991	5094	
	39.1 — 59.8	27.8 1-2, 5-3 24.2	1018	5233	
	48.7 — 67.6	29.0 6-4 25.2	1051	5402	
	51.4 — 67.4	29.0 1-2, 2-3, 3-4 25.2	1024	5263	
	49.8 — 66.3	28.6 2-3, 4-4 24.8	940	4832	
	51.0 — 66.6	29.8 2-3, 4-4 25.8	1051	5402	
	49.8 — 63.5	29.0 6-4 25.2	886	4554	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
629	B6348A1-BK-38-4 (B61-50 X H0341) X OS-57 (5953)	7/11	$\frac{8/25}{130}$	43
630	B6348A1-BK-58-5-3 (5975)	7/21	$\frac{8/25}{130}$	48
631	B6360A1-BK-66-1 (P215936 X CI 9214) X OS-59 (731)	7/11	$\frac{8/25}{130}$	49
632	B6360A1-BK-66-1-4 (6180)	7/13	$\frac{8/25}{130}$	48
633	B6360A1-BK-78-3 (6194)	7/15	$\frac{8/25}{130}$	41
634	B6359A1-BK-1-3-1, [(CP231/3 X BBT- 50) X P215936] X OS-59 (6015)	7/22	$\frac{8/25}{130}$	50
635	B6349A1-BK (B61-50 X H0341) X (P215936 X CI 9214) (749)	7/12	$\frac{8/18}{123}$	45
636	B649A1-BK-1-4 (B61-50 X joindas) X CI 9608 (746)	7/11	$\frac{8/4}{109}$	47

Milling Amy

LOGGING

90
HEAD

TOTAL

1115

50.8

64.1

22.6

6-2

19.6

42.2

58.4

29.4

3-2, 3-3

25.4

55.4

65.8

25.2

6-2

22.0

53.5

65.6

26.0

4-2, 2-3

22.6

44.6

63.2

33.2

4-3, 2-4

28.8

59.0

68.0

28.6

6-2

24.8

46.6

60.2

29.0

3-2, 3-3

25.2

36.0

65.4

32.8

6-4

28.4

YIELD DATA

GMS.
PER
ROW

ACRE YIELD

LBS.

B.

1084

5572

945

4857

1089

5597

1170

6014

1001

5145

910

4677

938

4821

963

4950

637

B649A1-1A-31-3

(89-50 X Jojutla) X CI. 9608

(748)

638

B6122131-3 BK-BK-46

Bet 52px Jojutla

(68-326B)

639

IRRI

(CP 23X SLO-M)/2 X

81B-25

(772)

640

STARBONNET

CI. 9584

(52)

641

B63109A1-3-8-1

CI 9544 Selx

(Bet 50x Jojutla)

(7785)

642

B63109A1-3-14-1

(786)

643

B63109A1-3-14-1

(787)

644

B63109A1-4-8-1

(794)

Date

1st
HeadFull
RipePlant
hgt.
(in.)

7/11

8/4

43

109

7/25

8/25

53

130

7/15

8/25

40

130

7/25

8/25

49

130

7/2

8/4

43

109

7/4

8/4

47

109

7/7

8/4

50

109

7/2

8/4

47

109

MILLING Amy

YIELD DATA

LODG. ING	HEAD % TOTAL	A114	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	51.8 66.5	29.0 22.3-3-4 25.2	857	4405	
0	34.3 55.2	32.8 1-3, 5-4 28.4	650	3341	
0	47.2 62.6	26.6 6-3 23.2	1120	5757	
0	45.4 58.3	26.6 3-2, 3-3 23.2	883	4539	
0	54.3 69.4	29.8 6-4 25.8	970	4986	
0	49.4 65.3	28.0 2-3, 4-4 24.4	912	4688	
0	57.4 67.2	27.8 1-3, 5-4 24.2	739	3798	
0	54.6 67.9	28.0 1-2, 3-3, 2-4 24.4	905	4652	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
645	B63109A1-8-13-7-4 (816)	7/11	$\frac{814}{109}$	42
646	B63109A1-3-14-6 (7156)	7/10	$\frac{812}{117}$	51
647	B63109A1-3-14-10 (7174)	7/8	$\frac{812}{117}$	50
648	B63109A1-4-8-9 (7206)	7/5	$\frac{814}{109}$	42
649	B63109A1-4-14-15 (7220)	7/5	$\frac{814}{109}$	40
650	DAWN CI. 9534	7/15	$\frac{8125}{130}$	53
651	(Fd.) B6335A1-5-4 CI. 9545 X DAWN	7/11	$\frac{8118}{123}$	41
652	(1410) B6335A1-8-1 (1413)	7/17	$\frac{8125}{130}$ mgt	44

		Date		Plant hgt. (in.)
		1st Head	Full Rise	
653	B6335A1-3-10-5 C.I. 9545 X DAWN (7590)	7/14	$\frac{8/25}{130}$ mgt	51
654	B6335A1-5-4-1-5 (7670)	7/12	$\frac{8/25}{130}$ mgt	38
655	B6335A1-8-7 (828)	7/13	$\frac{8/18}{123}$ lgt	49
656	B6335A2-1-3 (829)	7/14	$\frac{8/25}{130}$ lgt	48
657	B6335A1-3-2 (831)	7/15	$\frac{8/25}{130}$ mgt	48
658	B6335A1-1-3-1-4 (840)	7/14	$\frac{8/25}{130}$ mgt	44
659	B6335A1-1-7-2-3 (7327)	7/14	$\frac{8/25}{130}$ mgt	41
660	BLUEBELLE C.I. 9544 (Ed.)	7/13	$\frac{8/12}{117}$	45

Milling Amy

YIELD DATA

LOADING	90 HEAD TOTAL	AIR		GMS. PER ROW	ACRE YIELD	
					LB	BL.
	57.0 67.8	28.0 2-3, 4-4 24.4		1214	6240	
	63.1 69.8	28.0 1-6, 5-7 24.4		1238	6363	
	53.0 66.5	28.0 2-3, 4-4 24.4		1066	5479	
	49.0 64.4	29.0 3-2, 3-3 25.2		1160	5962	
	57.2 67.7	29.8 2-3, 2-4, 1-5, 1-7 25.8		1153	5926	
	59.7 70.2	29.0 3-6, 3-7 25.2		1197	6153	
	57.4 67.3	28.0 1-6, 5-7 24.4		1088	5592	
	49.2 68.8	28.6 6-3 24.8		1034	5315	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
661	B6335A1-3-10-1-4 C.I. 9545 X DAWN variable (7567)	7/15	$\frac{8/20}{125}$ mgt	47
662	B6335A1-3-10-2-3 Early seg. (849)	7/18	$\frac{8/25}{130}$ mgt	50
663	B6335A1-4-7-1-3 variable mat. (7613)	7/16	$\frac{8/25}{130}$ mgt	43
664	B6335A1-4-10-1-4-1 (852)	7/11	$\frac{8/20}{125}$ mgt	43
665	B6335A1-5-4-1-2-2 (7644)	7/11	$\frac{8/20}{125}$ mgt	41
666	B6335A1-7-3-4 (857)	7/15	$\frac{8/20}{125}$ mgt	41
667	B6335A1-8-6-5-3 (861)	7/11	$\frac{8/20}{125}$ lgt	50
668	B6335A2-1-2-3-3 (864)	7/14	$\frac{8/25}{130}$ mgt	46

Milling Amy

LOGG. ING	YIELD DATA		GMS. PER ROW	ACRE YIELD	
	HEAD % TOTAL	AIK		LBS.	BL.
0	52.5 — 64.5	28.0 2-2, 1-3, 2-4, 1-5 24.4	1102	5664	
0	53.6 — 65.8	29.0 6-7 25.2	1238	6363	
0	52.8 — 62.8	29.8 6-7 25.8	1142	5870	
0	55.0 — 68.2	29.8 6-7 25.8	1217	6255	
0	56.0 — 70.6	28.0 6-7 24.4	1026	5274	
0	60.0 — 67.8	23.8 6-7 20.8	1073	5515	
0	47.4 — 63.6	27.4 2-2, 4-3 23.8	1018	5233	
0	60.7 — 67.1	27.4 5-3, 1-6 23.8	1172	6024	

			Date		Plant ht. (in.)
			1st Head	Full Ripe	
669	B6335 A2-1-3-5-5-5 Ct 9545 x Dawn	(7805)	7/17	$\frac{8/25}{130}$ lgt	46
670	B6335 A2-2-3-4-5-5 (7842)		7/15	$\frac{8/25}{130}$ lgt	46
671	BELLE PATNA Ct. 9433		6/30	$\frac{8/4}{109}$	49
672	(Fd.) B6335 A2-2-3-6-4-3		7/17	$\frac{8/25}{130}$ lgt	47
673	B6335 IRAI CROSS B572A347-15 X PIB-25 (P1215926 X 13.9214) X P1.263813 (7894)		7/18	$\frac{8/25}{130}$	46
674	B6335 A1-1-1-1-3-4 Ct. 9545 x Dawn (7286)		7/15	$\frac{8/14}{119}$ mgt	39
675	B6335 A1-1-3-1-4-2-3 (7310)		7/11	$\frac{8/25}{130}$ mgt	41
676	B6335 A1-2-1-5-5-3 (7379)		7/12	$\frac{8/25}{130}$ lgt	48

MILLING Amy

LOADING	YIELD DATA		GMS. PER ROW	ACRE YIELD	
	90 HEAD TOTAL	ATR		LBS.	BL.
	45.5 63.4	27.8 5-2, 1-3 24.2	1200	6168	
	46.9 64.2	30.4 4-6, 2-7 26.6	1104	5675	
	49.3 67.7	27.4 6-4 23.8	931	4785	
	48.4 65.5	24.8 1-5, 1-6, 4-7 25.8	1205	6194	
	60.7 69.5	29.8 6-7 25.8	1179	6060	
	48.8 70.0	22.0 6-7 19.0	1027	5279	
	38.6 67.8	29.0 1-6, 5-7 25.2	1208	6209	
70%	37.7 63.1	29.0 4-2, 2-3 25.2	1027	5279	

B66. 18E

677-764

Sown: 4-17

EMERG.

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
677	B6335A1-2-1-6-41 CI 9545 x Dawn (7382)	7/12	$\frac{8/20}{125}$ lgt	47
678	B6335A1-3-3-2-2-3-1 (7483)	7/12	$\frac{8/25}{130}$ lgt	45
679	B6335A1-3-3-5-3-3 (7530)	7/12	$\frac{8/25}{130}$ lgt	43
680	B6335A1-3-3-6-2-1 (7534)	7/12	$\frac{8/20}{125}$ lgt	44
681	NATO CI. 8998 (Fd.)	7/13	$\frac{8/25}{130}$	52
682	B6335A1-5-4-3-2-4 (7662)	7/11	$\frac{8/14}{119}$ mgt	42
683	B6335A1-3-3-2-2-Mo.3 (7972)	7/12	$\frac{8/25}{130}$ lgt	42
684	B6335A1-3-3-5-3-Mo.5 (7990)	7/10	$\frac{8/20}{125}$ lgt	42

MILLING Amy

YIELD DATA

LOADING	HEAD % TOTAL	AIR	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	46.5 67.0	24.0 12.5-3 25.2	1097	5639	
0	53.4 67.4	28.6 42.2-3 24.8	969	4981	
0	49.9 65.7	28.6 32.3-3 24.8	1080	5551	
0	37.7 56.2	29.8 32.3-3 25.8	932	4790	
80%	60.7 68.0	22.0 26.4-7 19.0	990	5089	
0	68.0 72.0	28.0 13.5-4 24.4	1118	5747	
0	51.5 66.6	29.4 6-4 25.4	996	5119	
0	53.4 67.8	29.0 6-3 25.2	1044	5366	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
685	SATURN CI. 9540 (12)(14)	7/9	$\frac{8/20}{125}$	49
686	B6335 A1-4-10-1-4-M ₃ CI 9545 x Dawn (8030) mgt	7/11	$\frac{8/25}{130}$	43
687	B6335 A1-5-4-1-3-M ₅ (8046) mgt	7/11	$\frac{8/20}{125}$	39
688	B6335 A1-6-3-2-5-M ₅ (8063) mgt	7/14	$\frac{8/20}{125}$	39
689	B6335 A1-8-7-3-1-M ₃ (8088) lgt	7/14	$\frac{8/20}{125}$	44
690	NOVA-66 CI. 9481 (4)	7/15	$\frac{8/25}{125}$ 130	50
691	PI. 215936 L	7/23	$\frac{8/25}{130}$	47
692	B6334 A2-1-8 CI 9545 x Nova Variable (1404)	7/5	$\frac{8/14}{119}$	36

Milling Amy

LODGING	%		YIELD DATA		
	HEAD	TOTAL	GMS. PER ROW	ACRE YIELD	BL.
0	64.2	19.6	909	4672	
	69.4	6-6			
		17.0			
0	59.3	27.8	1166	5993	
	69.2	6-7			
		24.2			
0	64.2	28.0	1072	5510	
	69.0	6-4			
		24.4			
0	62.8	29.8	1053	5412	
	71.8	6-7			
		25.8			
0	51.8	30.4	993	5104	
	65.3	6-4			
		26.6			
0	64.8	26.6	908	4667	
	69.0	3-6.3-7			
		23.2			
0	64.8	22.6	907	4662	
	71.2	6-6			
		19.6			
0	66.8	22.6	934	4801	
	71.6	6-7			
		19.6			

		Date		Plant hgt. (in.)
		1st Head	Full Rice	
693	B6334A1-1-3-1 CI. 9545 x Nova seg. hull color (1407)	7/5	$\frac{8/14}{119}$	44
694	B6334A ⁴ 1 -3-1 seg. hull color, etc. (1408)	7/9	$\frac{8/20}{125}$	48
695	T(N)1 PI. 271,672 (46)	7/22	$\frac{8/25}{130}$	38
696	B6334A2-1-6-1 (880)	7/10	$\frac{8/20}{125}$	46
697	B6334A2-1-8-1 variable (883)	7/8	$\frac{8/20}{125}$	40
698	B6334A1-1-2-1-9-2 (8154)	$\frac{7/14}{7/2}$	$\frac{8/25}{130}$	42
699	B6334A1-1-2-1-11 (896)	7/11	$\frac{8/25}{130}$	46
700	B6334A1-1-2-2-8 (897)	7/22	$\frac{8/25}{130}$	46

MILLING Amy			YIELD DATA		
LODG- ING	HEAD % TOTAL	A1K	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	65.0 69.0	27.0 6-7 23.4	1172	6024	
0	60.7 69.7	23.2 1-6, 5-7 20.2	962	4945	
0	45.6 68.6	33.2 6-7 28.8	1094	5623	
0	53.4 62.9	25.2 1-6, 5-7 22.0	954	4904	
0	61.5 68.2	22.0 6-6 19.0	989	5083	
0	60.8 71.6	23.8 2-6, 4-7 20.8	1145	5885	
0	55.1 70.7	24.6 4-6, 2-7 21.4	1316	6764	
0	63.0 70.3	22.0 6-6 19.0	1056	5428	

		Date		Plant hgt. (in.)
		1st Head	Fall Ripe	
701	B6334A1-1.2.2.9 CI 9545x Nona (898)	7/10	$\frac{8/20}{725}$	40
702	B6334A1-1.7-2-4 (903)	7/8	$\frac{8/14}{119}$	42
703	B6334A2-1.8-9-3 (911)	7/5	$\frac{8/14}{119}$	39
704	B6334A2-1.8-11-5-2 (8431)	7/9	$\frac{8/14}{119}$	39
705	B6334A1-1.2.1.6-3 (8139)	7/13	$\frac{8/25}{130}$	42
706	CI. 9545 (1139)	7/15	$\frac{8/25}{130}$	42
707	B6334A1-1.2.1.8-5 (8151)	7/14	$\frac{8/20}{725}$	39
708	B6334A1-1.5-2.3-3 (8277)	7/7	$\frac{8/14}{119}$	36

MILLING Amy

YIELD DATA

LOGG ING	% HEAD TOTAL	AIK	GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	62.0 72.7	22.6 56.1-7 19.6	1173	6029	
0	64.7 69.5	20.8 26.4-7 18.0	956	4914	
0	64.8 70.9	23.6 26.4-7 20.4	1056	5428	
0	63.8 69.4	22.0 16.5-7 19.0	1015	5217	
0	52.2 69.9	23.8 6-7 20.8	1127	5793	
0	59.2 68.7	28.0 6-7 24.4	1144	5880	
0	63.0 70.4	23.2 26.4-7 20.2	1144	5880	
0	67.9 71.2	30.4 6-7 26.6	979	5032	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
709	B6334A1.1.7.2.25 CI 9545x Nova	7/9	$\frac{8/20}{125}$	44
	(8284)			
710	B6334A1.1.7.6.1.1	7/5	$\frac{8/14}{119}$	40
	(8310)			
711	B6334A2.1.8.1.1.3	7/9	$\frac{8/14}{119}$	36
	(8386)			
712	CI. 9628	7/9	$\frac{8/14}{119}$	44
	(2)			
713	B6334A2.1.8.6.2.1	7/10	$\frac{8/25}{130}$	38
	(8404)			
714	B6334A2.1.8.6.4.5	7/11	$\frac{8/25}{130}$	39
	(8413)			
715	B6334A2.1.8.8.3.2	7/14	$\frac{8/14}{119}$	40
	(8415)			
716	B6334A2.1.8.11.2.1	7/9	$\frac{8/14}{119}$	39
	(8428)			

MILKING Amy

YIELD DATA

LODGING	%	HEAD T.O.T.A.C	A1K	YIELD DATA		
				GMS. PER ROW	ACRE YIELD LBS.	BL.
0	64.5	20.2				
	69.0	5-6, 1-7				
		17.6				
					NO YIELD	
					712 G.M. H.V.	
0	64.8	21.4				
	71.8	1-6, 5-7				
		18.6				
					963	4950
0	63.1	22.6				
	69.7	6-6				
		19.6				
					1079	5546
0	62.9	19.6				
	69.8	6-6				
		17.0				
					895	4600
0	64.1	22.6				
	70.5	4-6, 2-7				
		19.6				
					1199	6163
0	54.6	20.8				
	65.3	3-6, 3-7				
		18.0				
					1220	6271
0	68.0	20.2				
	72.1	1-6, 5-7				
		17.6				
					891	4580
0	64.0	22.0				
	69.5	2-6, 4-7				
		19.0				
					1032	5304

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
717	B6334A3-1-3-7-1 CI9545 + Nona (8477)	7/9	$\frac{8/14}{119}$	41
718	B6334A3-1-4-1-5-1 (8512)	7/15	$\frac{8/25}{130}$	47
719	B6334A3-1-4-3-3-2 (8523)	7/14	$\frac{8/20}{125}$	44
720	B6334A4-1-10-3-3-5 (8619)	7/9	$\frac{8/14}{119}$	40
721	B6334A4-1-10-5-2-3 (8637)	7/7	$\frac{8/14}{119}$	42
722	B6334A1-1-2-2-9-M-5 (8715)	7/8	$\frac{8/20}{125}$	35
723	B6334A2-1-8-8-3-M-3 (8768)	7/7	$\frac{8/14}{119}$	42
724	B6334A3-1-4-3-5-M-5 (8796)	7/15	$\frac{8/25}{130}$	42

MILLING Amy

AIR

YIELD DATA

LOADING	% HEAD TO TAIL		GMS. PER ROW	ACRE YIELD	
				LBS.	B.
0	$\frac{55.0}{65.6}$	26.6 1-6, 5-7 23.2	948	4873	
0	$\frac{61.8}{68.1}$	21.4 5-6, 1-7 18.6	1143	5875	
0	$\frac{64.6}{69.6}$	20.4 6-6 17.8	1216	6250	
0	$\frac{62.0}{68.2}$	27.0 6-7 23.4	1034	5315	
0	$\frac{57.7}{69.0}$	22.6 3-6, 3-7 19.6	1051	5402	
0	$\frac{62.5}{72.0}$	21.4 6-6 18.6	1051	5402	
0	$\frac{67.2}{72.4}$	22.0 3-6, 3-7 19.0	916	4708	
0	$\frac{62.3}{69.7}$	21.0 5-6, 1-7 18.4	1226	6302	

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
725	T(N)1 PI. 271,672	7/22	<u>8/25</u> 130	37
	(46)			
726	B6337A1-Bk-Bk-16 CI 9545X (Eucrose x PI 215936) (1399)	7/7	<u>8/14</u> 119	40
727	B6337A1-Bk (928)	7/10	<u>8/20</u> 125	38
728	B6337A1-Bk ₂ -1-2 (8821)	7/9	<u>8/20</u> 125	38
729	B6337A1-Bk ₂ -2-3 (8827)	7/7	<u>8/20</u> 125	37
730	NOVA-66 CI. 9481 (4)	7/15	<u>8/25</u> 130	48
731	B6337A1-Bk ₂ -4-3-3 (8832)	7/7	<u>8/14</u> 119	39
732	B6337A1-Bk ₂ -4-3-5 (8834)	7/6	<u>8/14</u> 119	36

LODGING	MILLING Amy		YIELD DATA		
	% HEAD TOTAL	AIR	GMS. PER ROW	ACRE YIELD	
				LBS.	BL.
0	44.9 — 68.9	31.4 6-7 27.2	1251	6430	
0	49.4 — 61.0	21.6 6-7 18.8	834	4287	
0	55.5 — 67.2	26.0 6-7 22.6	934	4801	
0	58.0 — 66.3	29.0 6-7 25.2	906	4657	
0	55.1 — 66.3	26.0 6-7 22.6	899	4621	
0	62.4 — 66.8	19.6 6-6 17.0	1008	5181	
0	67.8 — 70.0	22.0 6-7 19.0	851	4374	
0	64.8 — 69.4	23.2 6-7 20.2	767	3942	

		Date		Plant ht. (in.)
		1st Head	Full Ripe	
733	B6337A1-B ₂ 26-3-2 CI 9545x (Lupine x PI 215936) (8917)	7/11	$\frac{8/25}{130}$	36
734	B6337A1-B ₂ 27-5-3 (8929)	7/19	$\frac{8/25}{130}$	38
735	B6337A1-B ₂ 28-3-1 (8932)	7/17	$\frac{8/14}{119}$	37
736	SATURN CI 9540	7/11	$\frac{8/14}{119}$	46
737	(12) B6337A1-B ₂ 27-B ₆ 5	7/21	$\frac{8/25}{130}$	43
738	(8987) B6337A1-B ₂ 4-3-M ₆ 3	7/17	$\frac{8/20}{125}$	41
739	(8995) B6337A1-B ₂ 27-4-M ₆ 4	7/18	$\frac{8/25}{130}$	39
740	(9045) NATO CI. 8998 (FQ-)	7/14	$\frac{8/25}{130}$	50

MILLING Amy

90

YIELD DATA

LODG. ING	HEAD TOTAL	Aik	GMS. PER ROW	ACRE YIELD	
				LB.	B.
0	56.6 70.0	30.4 6-7 26.6	1224	6291	
0	52.1 67.5	31.0 6-7 27.0	930	4780	
0	51.4 64.6	21.4 6-7 18.6	933	4746	
0	64.3 68.6	18.6 1-6, 5-7 16.0	843	4333	
	62.2 70.3	28.6 6-7 24.8	1007	5176	
	64.8 69.4	21.0 1-6, 5-7 18.4	860	4420	
	62.4 68.2	29.0 6-7 25.2	1073	5515	
50%	63.8 69.5	19.0 2-6, 4-7 16.6	983	5053	

		Date		Plant hgt. (in.)
		1st Head	Foli Rise	
741	⁷⁻⁵ B6336A2-Bb-25-1 CI 9545x Northline	7/14	$\frac{8/20}{125}$	47
742	⁽⁹²¹⁾ B6336A2-Bb-24-1	7/16	$\frac{8/20}{125}$	50
743	⁽⁹²⁴⁾ A6336A2-Bb-23-3-3	7/19	$\frac{8/20}{125}$	40
744	⁽⁹¹⁸¹⁾ B6223A1-Bb-13-1 T(N)1 x CI 9545	7/17	$\frac{9-3}{139}$	35
745	⁽¹³⁸²⁾ B6223A1-14-6-4-1	7/16	$\frac{9-3}{139}$	34
746	⁽¹³⁹⁰⁾ B6223A1-14-6-4-1	7/14	$\frac{9-3}{139}$	32
747	⁽¹³⁹¹⁾ B6223A1-Bb-11-2-1	7/15	$\frac{9-3}{139}$	33
748	⁽¹³⁹⁵⁾ B6223A1-Bb-11-5-1	7/11	$\frac{9-3}{139}$	35
	⁽¹³⁹⁷⁾			

MILLING Amy

LODG. ING	HEAD TOTAL	AIK	YIELD DATA	
			GMS. PER ROW	ACRE YIELD LBS. BL.
	51.0 62.6	23.2 5-6, 1-7 20.2	726	3732
	63.3 68.8	14.6 3-6, 3-7 17.0	789	4055
	45.4 69.3	27.8 6-7 24.2	1133	5824
	59.0 72.1	25.2 1-5, 4-6, 1-7 22.0	1184	6086
	59.3 68.7	31.4 1-6, 5-7 27.2	1340	6888
	52.5 68.4	30.4 6-7 26.6	1359	6985
	56.1 66.6	31.4 6-7 27.2	1165	5988
	49.7 69.6	29.8 6-7 25.8	1210	6219

		Date		Plant hgt. (in.)
		1st Head	Foll Rise	
749	B6223A1-14-6-4-1 TN1XC I 9545	7/15	9-3 139	33
750	(1328) CI. 9628	7/19	8/14 119	43
751	(2) B6334 A2-1-8-25-3 M4-Bk. CI 9545 x Donna NOVA	7/19	8/25 130	39
752	(7943) B6366 A1-Bk ₃ -4-3 CI 9545 x OS-59	7/19	8/14 119	40
753	(6237) CP-231	7/20	8/25 130	53
754	(9499) BLUEBONNET-50	8/1	9-3 139	53
755	DEE-GEO-WO-GEN PI. 329326 Early off-type; tall sup. (2164)	7/13	9-3 139	38
756	CI. 9545 (1139)	7/15	8/25 130	41

NO YIELD
HEAVY BIRD DAMAGED
(44) AVE. SEED

NO YIELD
SAVED SEED

MILLING Amy

LODG. ING	HEAD TOTAL	AIK	YIELD DATA		
			GMS. PER ROW	ACRE YIELD LBS.	B.
	61.0 69.2	34.0 16.5-7 27.0	1285	6605	
	65.5 70.0	20.4 6-6 17.8	871	4477	
	64.9 71.1	21.6 5-6, 1-7 18.8	1173	6029	
	68.2 71.9	19.0 3-6, 3-7 16.6	700	3598	
	51.1 62.6	20.2 6-2 17.6	957	4919	
	43.1 59.1	26.0 2-2, 1-3, 3-4 22.6	—	—	
60 9/2	50.5 64.1	26.0 6-5 22.6	—	—	
	59.8 68.8	27.8 6-7 24.2	1135	5834	

1101 gm. H₂O.1590 gm. H₂O.

		Date		Plant hgt. (in.)
		1st Head	Full Ripe	
757	PI. 331582 <i>Dw B. Belle</i>	7/8	$\frac{8/18}{123}$	32
758	(2281) IR-20 <u>cut gdt. mgt.</u>	8/19	$\frac{9-15}{151}$	39
759	(2272) IR-8	8/14	$\frac{9-15}{151}$	36
760	(41) PI. 215936 <u>cut gdt.</u>	7/24	$\frac{8/25}{130}$	46
761	(inc.) PI. 331557 IR-22 <i>lyf</i> <u>cut gdt.</u> (2294)	8/13	$\frac{9-15}{151}$	39
762	PI. 331581 <i>Dw B. Belle</i>	7/9	$\frac{8/18}{123}$	32
763	(2280) PI. 325834	7/29	$\frac{9-11}{147}$	38
764	(2249) I- GEO- type PI. 324462	7/10	$\frac{8/20}{125}$	37
	(2298)			

MILLING Amy

YIELD DATA

LODG.
INGHEAD
TOTAL

ATK

GMS.
PER
ROW

ACRE YIELD

LBS.

BL.

40.0

69.4

27.4

1.2, 1.3, 4.4
23.8

883

4539

49.4

59.6

30.4

1.4, 5.5
26.6

922

4842

53.2

67.8

31.8

6-7
27.6

1080

5551

65.4

71.9

23.8

6-6
20.8

1029

5289

49.2

66.0

31.8

6-7
27.6

1000

5140

51.2

68.8

27.4

2.3, 4.4
23.8

883

4539

60.3

71.8

27.0

6-6
23.4

743

3819

20%

54.4

68.8

1154

5932

[illegible]

Row SPACING STUDY

N LEVELS

Sown: 4-21

No. 1501-1508, 14"
1509-1516, 10.5"
1517-1524, 7"

100 LB/A.

140 "

14"	SEEDING ORDER No.	Date		Plant hgt. (in.)
		1st Head	First Ripe	
1501	BLUEBELLE	7/12	8/19	46
	CI. 9544	7/11	8/19	46
		7/11	8/19	45
	100 #N	7/14	8/19	
	(Fd.)	7/12	8/19 120	46
1502	BLUEBELLE	7/12	8/19	46
	CI. 9544	7/16	8/19	45
		7/11	8/19	47
	140 #N	7/11	8/19	
	(Fd.)	7/13	120	46
1503	SATURN	7/16	8-24	48
	CI. 9540	7/15	8-24	47
		7/16	8-24	47
	100 #N	7/17	8-24	
	(12)	7/16	125	47
1504	SATURN	7/17	8-24	49
	CI. 9540	7/15	8-24	50
		7/16	8-24	53
	100 #N	7/17	8-24	
	(12)	7/16	125	51

1/4" centur.

35

CF. TOTAL WT. GMS. 4 REP. X 0.6425 = LB/A

				YIELD DATA		
LOGG. ING				GMS. PER ROW	ACRE YIELD	
					LB.	SL.
0				1787		
0				1718		
0				1746		
0				1613		
<u>0</u>				6864	4410	
0				1882		
0				1534		
0				1889		
0				1868		
<u>0</u>				7173	4609	
0				2084		
0				1841		
0				1933		
0				1778		
<u>0</u>				7636	4906	
0				1700		
0				2125		
80				2064		
0				2103		
<u>20</u>				7992	5135	

P.I. 324462

052

	Order No.	Date		Plant hgt. (in.)
		1st Head	Full Ripe	
1505	PI. 312645 S-geo-type 100 #N (68-1143C)	7/15	8-24	40
		7/15	8-24	40
		7/15	8-24	38
		7/14	8-24	
		7/15	125	39
1506	PI. 312645 140 #N (68-1143C)	7/15	8-24	40
		7/15	8-24	41
		7/15	8-24	40
		7/15	8-24	
		7/15	125	40
1507	B6334A 1-1-3 100 #N (1407)	7/13	8-24	43
		7/13	8-24	43
		7/14	8-24	43
		7/13	8-24	
		7/13	125	43
1508	B6334A 1-1-3 140 #N (1407)	7/13	8-24	46
		7/14	8-24	46
		7/14	8-24	47
		7/13	8-24	
		7/14	125	46

YIELD DATA

LODG. ING				GMS. PER ROW	ACRE YIELD	
					LBS.	B.
0				2329		
0				2124		
0				2333		
0				2363		
<u>0</u>				9149	5878	
0				2478		
40				2611		
0				2531		
0				2486		
<u>10</u>				10106	6493	
0				1755		
0				2078		
0				1846		
0				1983		
<u>0</u>				7662	4923	
0				2141		
0				2108		
0				2447		
0				2351		
<u>0</u>				9047	5813	

No. 1504-1516 , 10.5" CENTERS

10.5"		Order No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1509	BLUEBELLE		7/11	8/19	45
	CI. 9544		7/10	8/19	44
			7/9	8/19	45
	100#N		7/10	8/19	
	(Fd.)		7/10	120	45
1510	BLUEBELLE		7/10	8/19	46
	CI. 9544		7/10	8/19	49
			7/10	8/19	49
	140#N		7/10	8/19	
	(Fd.)		7/10	120	48
1511	SATURN		7/15	8-24	49
	CI. 9540		7/15	8-24	47
			7/16	8-24	50
	100#N		7/15	8-24	
	(12)		7/15	125	49
1512	SATURN		7/16	8-24	52
	CI. 9540		7/15	8-24	52
			7/17	8-24	52
	140#N		7/17	8-24	
	(12)		7/16	125	52

CF. TOTAL WT. 4 REP. X 0.8567 = LB/A

37

10th century

YIELD DATA

LOGS ING				GMS. PER ROW	ACRE YIELD	
					LBS.	B.
0				1506	13	
0				1356		
0				1330		
0				1453		
<u>0</u>				5645	4836	
0				1531		
0				1688		
0				1522		
0				1480		
<u>0</u>				6221	5330	
0				1573		
0				1637		
40				1435		
0				1623		
<u>10</u>				6268	5370	
80				1726		
80				1818		
60				1577		
60				1718		
<u>70</u>				6840	5860	

		Order No	Date		Plant hgt. (in.)
			1st Head	2nd Rose	
1513	PI. 312645 I-geo-type 100 #N (68-1143C)		7/14	8-24	40
			7/14	8-24	40
			7/14	8-24	38
			7/14	8-24	
			7/14	125	39
1514	PI. 312645 140 #N (68-1143C)		7/14	8-24	41
			7/14	8-24	40
			7/14	8-24	41
			7/14	8-24	
			7/14	125	41
1515	B6334A1.1.3 100 #N (1407)		7/12	8-24	43
			7/13	8-24	45
			7/14	8-24	46
			7/12	8-24	
			7/13	125	45
1516	B6334A1.1.3 140 #N (1407)		7/13	8-24	46
			7/14	8-24	48
			7/13	8-24	48
			7/13	8-24	
			7/13	125	47

YIELD DATA

LOGGING				GMS. PER ROW	ACRE YIELD	
					LBS.	BL.
0				1757		
80				1877		
0				1857		
40				1940		
<u>30</u>				7431	6366	
60				1994		
0				1781		
80				2009		
100				1939		
<u>60</u>				7723	6616	
0				1450		
0				1831		
60				1730		
0				1653		
<u>15</u>				6664	5709	
20				1830		
80				1960		
60				1914		
0				1793		
<u>40</u>				7497	6423	

No. 1517-1524 , 7" CENTERS

7"		ORDER NO.	Date		Plant hgt. (in.)
			1st Seed	Full Rise	
1517	BLUEBELLE		7/8	8/19	41
	CI. 9544		7/8	8/19	46
			7/8	8/19	45
	100 #N		7/8	8/19	
	(Fd.)		7/8	120	44
1518	BLUEBELLE		7/8	8/19	46
	CI. 9544		7/8	8/19	47
			7/9	8/19	48
	140 #N		7/9	8/19	
	(Fd.)		7/9	120	47
1519	SATURN		7/15	8-24	48
	CI. 9540		7/17	8/19	50
			7/16	8-24	49
	100 #N		7/17	8-24	
	(12)		7/16	125	49
1520	SATURN		7/16	8/19	52
	CI. 9540		7/16	8/19	55
			7/16	8/19	53
	140 #N		7/18	8/19	
	(12)		7/16	120	53

7" center

39

CF. TOTAL GM. 4 REP. X 1.285 = LB./A

				YIELD DATA		
LODG. ING				GMS. PER ROW	ACRE YIELD	
					LB.	B.
0				787		
0				978		
0				920		
0				934		
<u>0</u>				3619	4650	
0				962		
0				1045		
10				957		
5				998		
<u>4</u>				3962	5091	
40				1128		
40				883		
100				1085		
0				1048		
<u>45</u>				4144	5325	
40				834		
80				995		
60				895		
100				837		
<u>70</u>				3561	4576	

		ORDER NO.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1521	PI. 312645 I-go-tye 100 #N (68-1143C)		7/12	8-24	38
			7/14	8/19	41
			7/13	8/19	39
			7/14	8/19	
			7/13	121	39
1522	PI. 312645 140 #N (68-1143C)		7/12	8/19	41
			7/12	8/19	40
			7/13	8/19	40
			7/13	8/19	
			7/13	120	40
1523	B6334A1.1.3 100 #N (1407)	11/2	7/12	8-24	42
			7/13	8/19	45
			7/13	8-24	45
			7/12	8-24	
			7/13	8-2 124	44
1524	B6334A1.1.3 140 #N (1407)		7/14	8-24	47
			7/14	8/19	48
			7/14	8/19	48
			7/15	8-24	
			7/14	123	48

YIELD DATA

LOGGING				GMS. PER ROW	ACRE YIELD	
					LB.	B.
0				1263		
40				1314		
80				1204		
80				920		
<u>50</u>				4703	6043	
40				1264		
80				1338		
100				1324		
40				1291		
<u>65</u>				5217	6704	
0				1030		
60				993		
100				1146		
0				1151		
<u>40</u>				4320	5551	
20				1243		
100				1225		
80				950		
60				1177		
<u>65</u>				4595	5905	

LODG.
ING

1970

I.B.P.

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

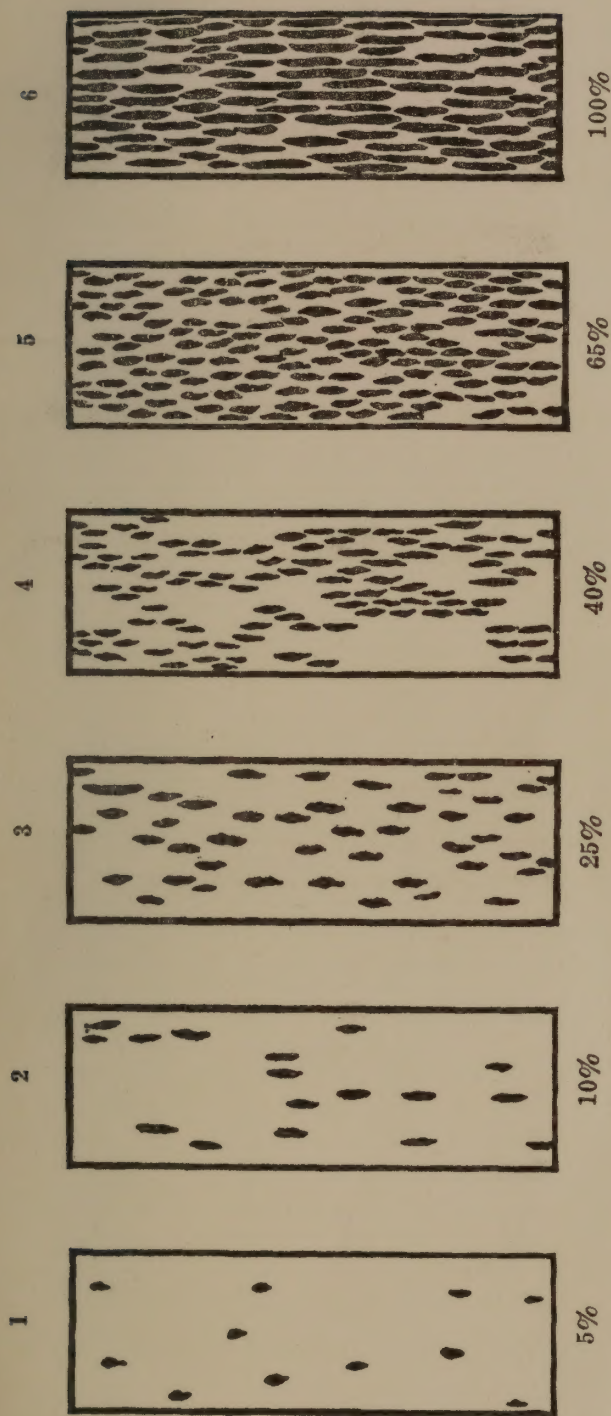


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

1031

1031

1031

1031

1031

1031

1031

1031

Sown: FLUSHED I. B. P.
Nos. 1601-1636 WORLD COMMON VARS.

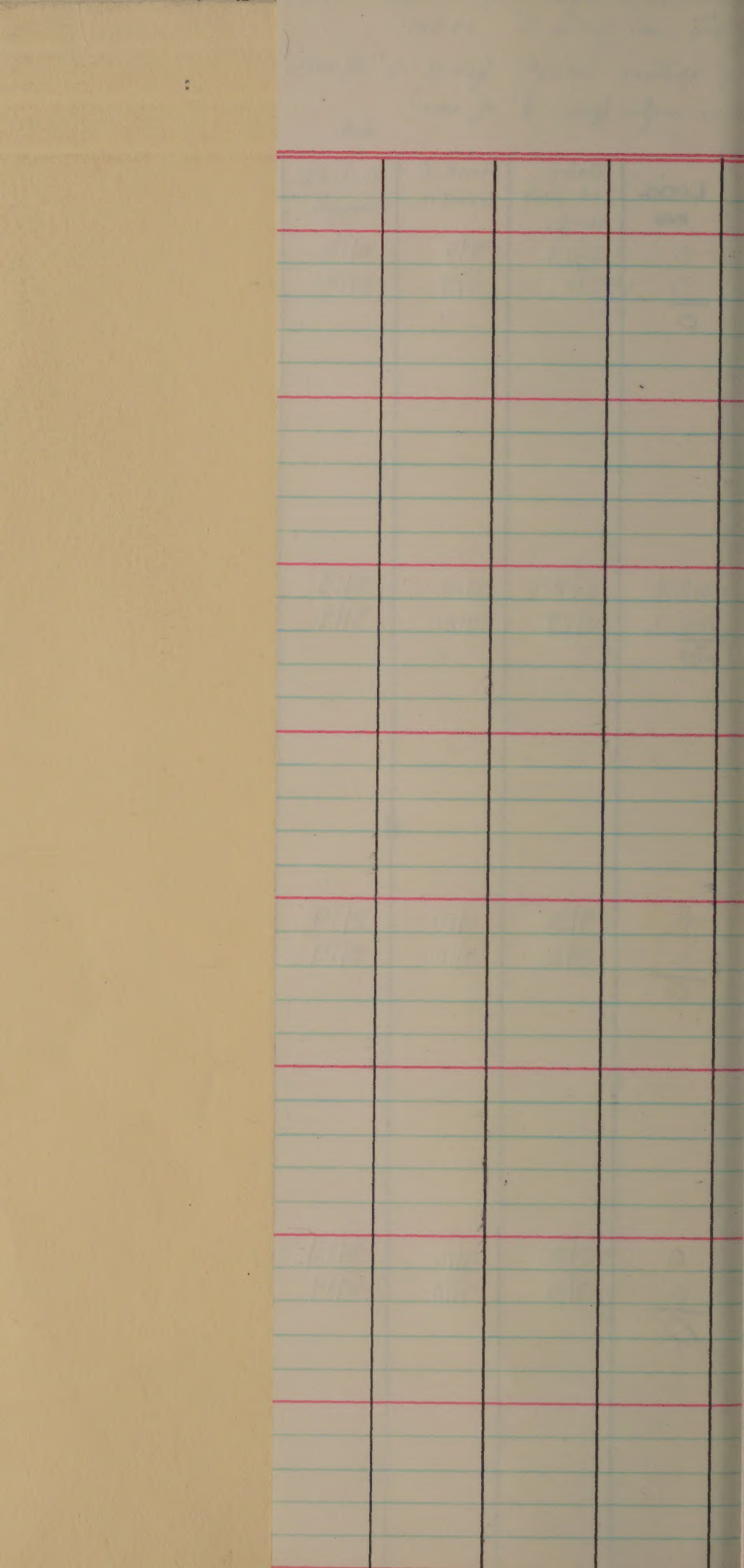
5/1 Nos. 1601-1636 WORLD COMMON VARS.

		SEEDING ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1601	A B Vialone nano P.I. 330471 IBP 7 0-0-0	302 129	7/9 ✓ 7/9 ✓ <u>7/9</u>	8/12 8/12	
1602	A B Vialone nano P.I. 330471 IBP 7 50-50-0	111 126	7/10 ✓ 7/10 ✓ <u>7/10</u>	8/12 8/12	
1603	A B Fujiminori P.I. 330462 IBP 8 0-0-0	306 128	7/10 7/10 ✓ <u>7/10</u>	8/13 8/13	
1604	A B Fujiminori P.I. 330462 IBP 8 80-50-0	208 412	7/11 7/11 <u>7/11</u>	8/14 8/14	

* Plant samples taken from all plots on June 5, 1970
 ** mature sample from 6' of row!
 Other sample from 2' of row!

**

LODG. ING	Date 2nd plant sample	Headed sample	Mature sample
0	6/29	7/9	8/13
0	-	7/9	8/13
0			
80% L	6/29	7/10	8/13
80% L	6/29	7/10	8/13
80			
0	7/3	7/10	8/14
0	7/3	7/10	8/14
0			
0	7/3	7/10	8/14
0	7/3	7/10	8/14
0			

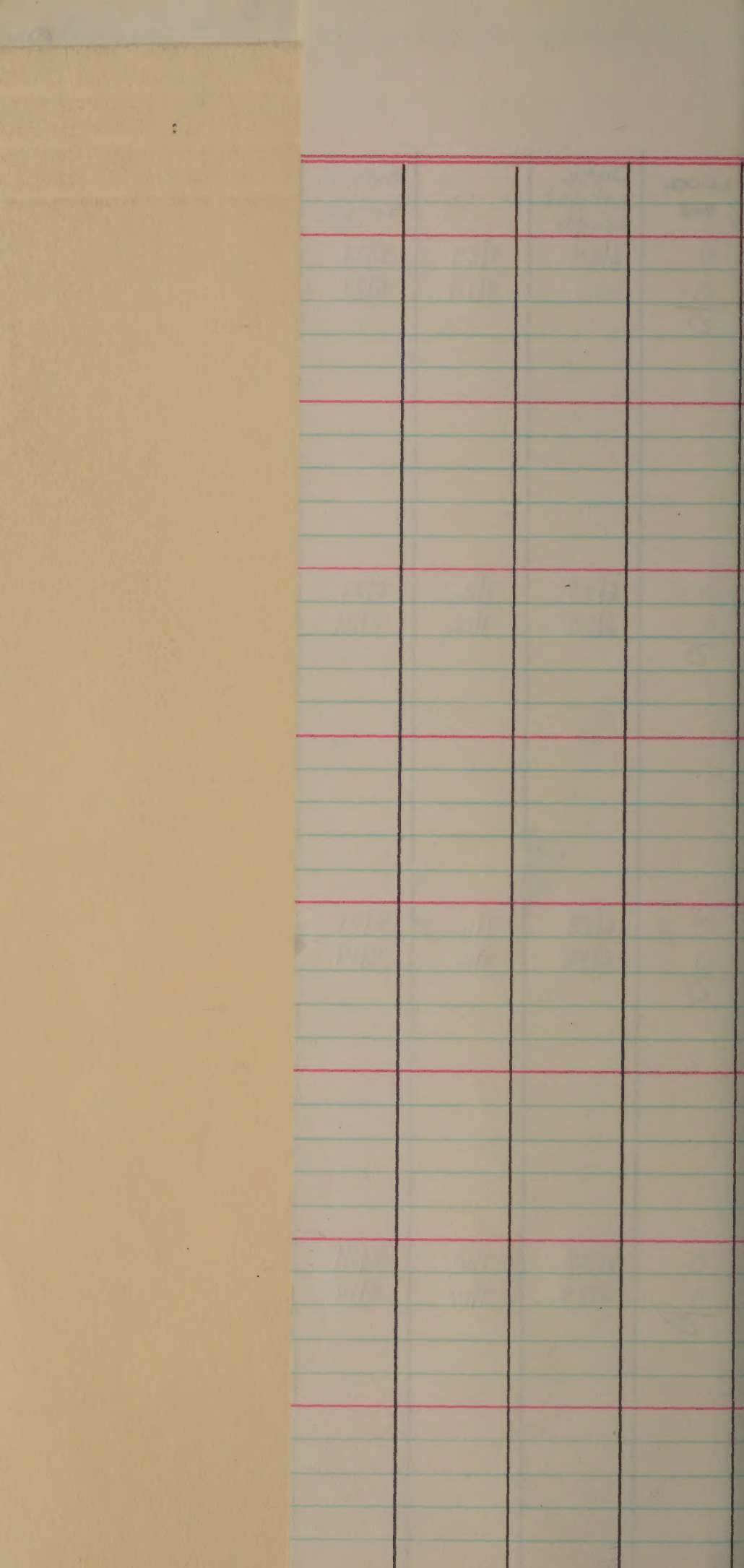


YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	Kg./Ha.
1456		
1716		
3172	2717	3045
1875		
1858		
3733	3198	3585
1697		
1577		
3274	2805	3144
2461		
2460		
4921	4216	4716

		ORDER No.	Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1605	A B	Koshihikari P.I. 330464	3/1 225	7/14 7/14 7/14	8/21 8/21
		IBP 9			
1606	A B	Koshihikari P.I. 330464	106 405	7/15 7/15 7/15	8/21 8/21
		IBP 9			
1607	A B	Sasanishiki P.I. 330467	3/2 224	7/10 7/11 7/11	8/13 8/13
		IBP 10			
1608	A B	Sasanishiki P.I. 330467	2/0 4/1	7/11 7/11 7/11	8/14 8/14
		IBP 10			

LOGG- ING	Date 2nd plant sample		Mature sample
0	6/25	7/14	8/21
0	-	7/14	8/21
0			
0	6/25	7/16	8/21
0	6/25	7/16	8/21
0			
0	6/29	7/10	8/14
0	6/29	7/10	8/14
0			
0	6/29	7/10	8/14
0	6/29	7/10	8/14
0			



* ERROR IN FERT. APPLICATION

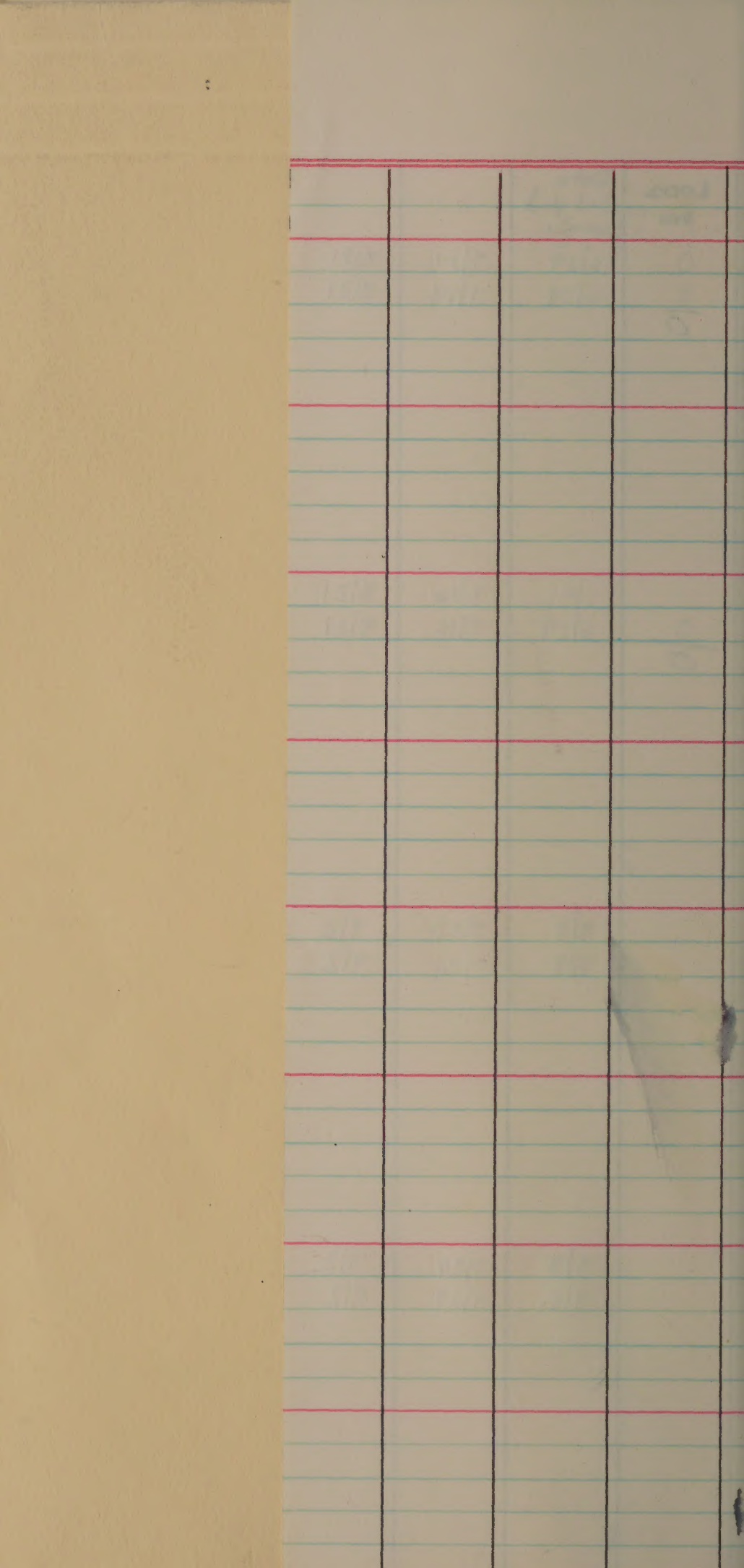
4

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	kg/Ha.
2265	*	
1515	2596	
2261		
2235		
4996	4280	4797
2193		
1885		
4078	3494	3916
2893		
2857		
5750	4926	5522

				Date		Plant hgt. (in.)
				1st Head	Foli Ripe	
1609	A	Norin #41	201	7/14	8/21	
	B	P.I. 294363	130	7/14	8/21	
		IBP 11		7/14		
1610	A	Norin #41	108	7/15	8/21	
	B	P.I. 294363	408	7/15	8/21	
		IBP 11		7/15		
1611	A	Nonkwang	305	7/30	9/3	
	B	P.I. 326026	230	7/31	9/3	
		IBP 12		7/31		
1612	A	Nonkwang	109	7/29	9/3	
	B	P.I. 326026	121	7/29	9/3	
		IBP 12		7/29		

[illegible]



* FERT. ERROR

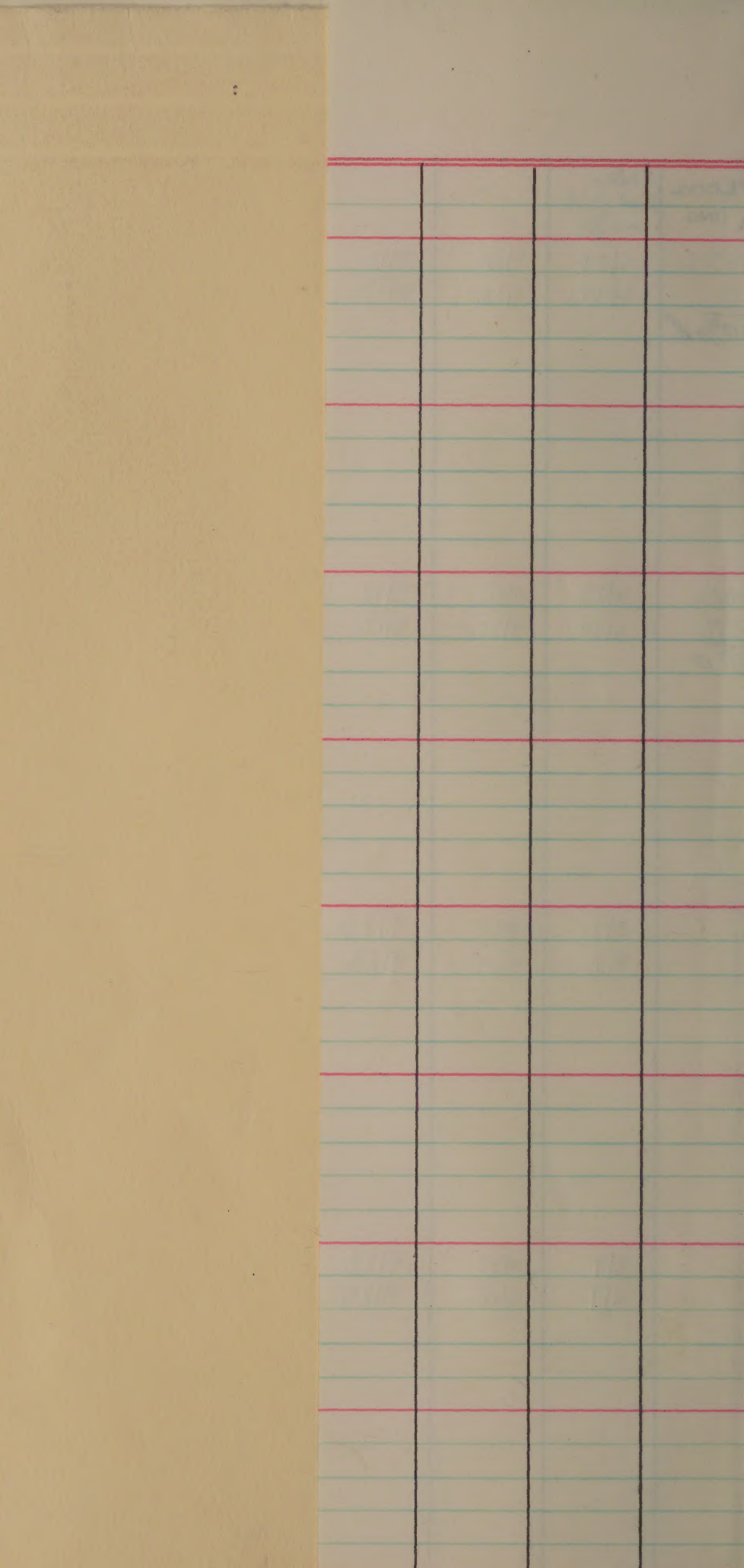
6

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	BL.
1306	*	Kg/Ha
1759	3014	
2397		
2621		
5018	4299	4819
1960		
2115		
4075	3491	3913
2536		
2426		
4962	4251	4765

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1613	A Panbira P.I. 330626 IBP 14	39 123	7/19 7/19 7/19	8/12 8/12	
1614	A Panbira P.I. 330626 IBP 14	102 221	7/20 7/20 7/20	8/12 8/12	
1615	A IR-8 P.I. 312627 IBP 15	308 227	8/25 8/25 8/25	9-23 9-23	
1616	A IR-8 P.I. 312627 IBP 15	112 124	8/25 8/25 8/25	9-23 9-23	

[illegible]



* No ERROR NOTED

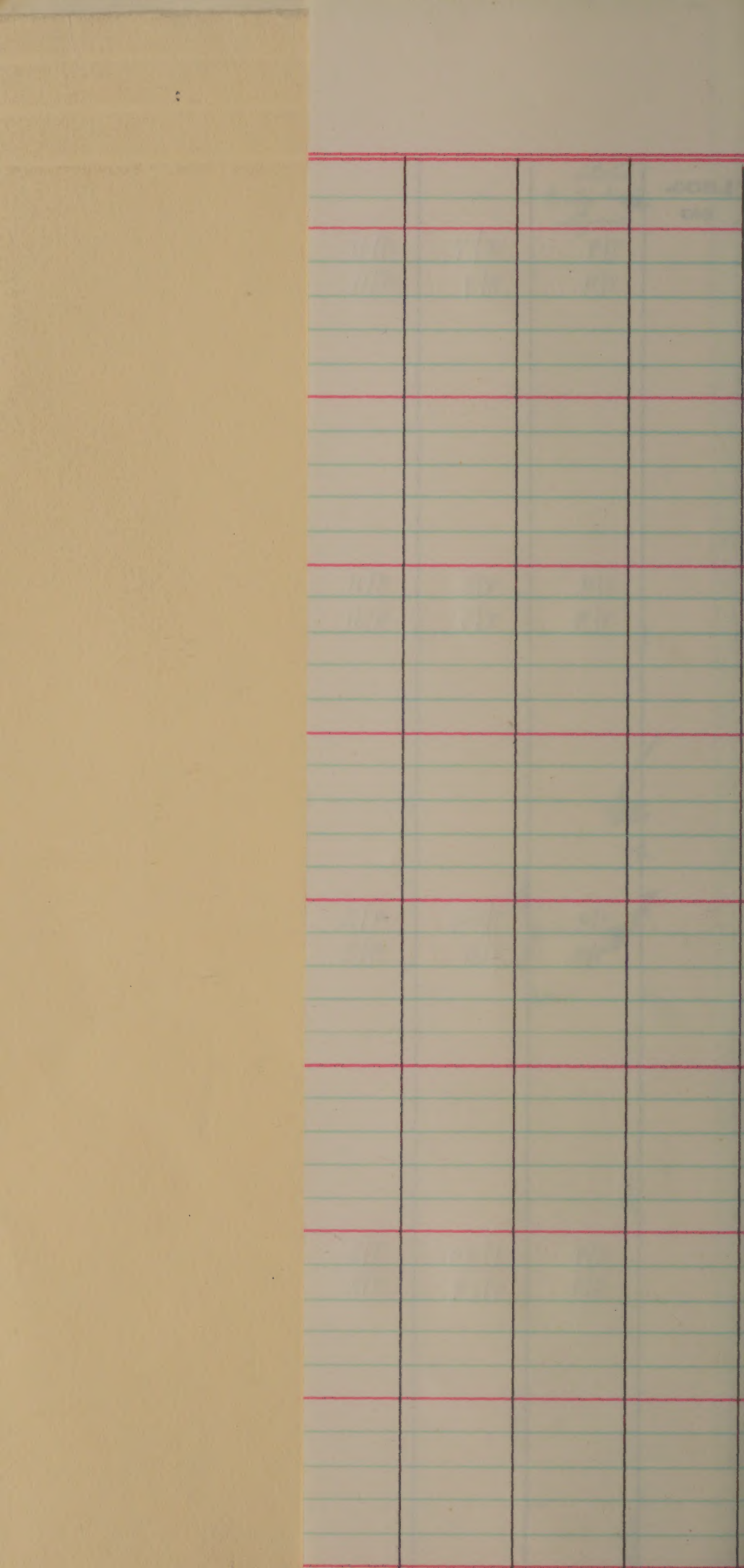
8

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	
2532		15 1/4
2402		
<u>4934</u>	4227	4738
2210 *		
2924		
<u>5134</u>	4398	4930
2104		
1969		
<u>4073</u>	3489	3911
2312		
2269		
<u>4581</u>	3925	4400

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1617	A Hsinchu 56 B P.I. 313559	307 226	8/7 8/7 8/7	9/11 9/11	
	IBP 16				
	Early segs. (rogued out)				
1618	A Hsinchu 56 B P.I. 313559	211 404	8/5 8/5 8/5	9/11 9/11	
	IBP 16				
	Early segs. (rogued out)				
1619	A Taichung Nat. 1 B P.I. 271672	206 228	7/29 7/31 7/30	9/3 9/3	
	IBP 17				
1620	A Taichung Nat. 1 B P.I. 271672	105 409	7/29 7/29 7/29	9/3 9/3	
	IBP 17				

LOGGING	Date 2nd plant sample		
	7/9	8/7	9/11
	7/9	8/7	9/11
	7/9	8/5	9/11
	7/9	8/5	9/11
	7/9	7/29	9/2
	7/9	7/31	9/2
	7/9	7/29	9/2
	7/9	7/29	9/2



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	BL.

2445		Kg/1/2
2162		
<u>4607</u>	3947	4424

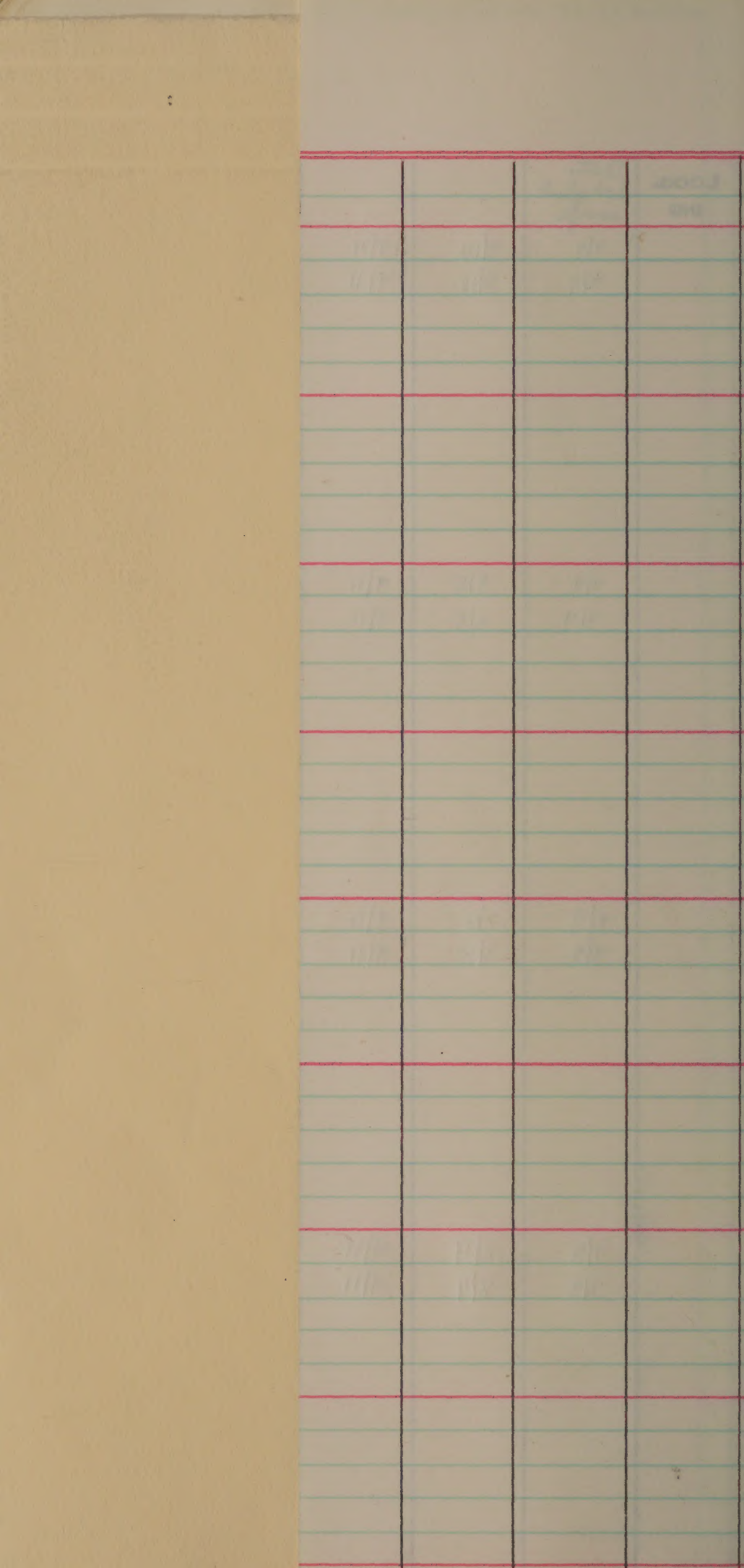
2868		
2901		
<u>5769</u>	4942	5539

3353		
3367		
<u>6720</u>	5757	6453

3400		
4117		
<u>7517</u>	6440	7219

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1621	A Taichung 65 B P.I. 288225	205 131	8/10 8/10 8/10	9/11 9/11	
	IBP 18				
1622	A Taichung 65 B P.I. 288225	209 401	8/5 8/5 8/5	9/11 9/11	
	IBP 18				
1623	A Taichung 176 B P.I. 313565	202 223	8/8 8/7 8/8	9/11 9/11	
	IBP 19				
1624	A Taichung 176 B P.I. 313565	107 402	8/4 8/4 8/4	9/11 9/11	
	IBP 19				

LOGGING	Date 2nd plant sample		
	7/9	8/10	9/11
	7/9	8/10	9/11
	7/9	8/5	9/11
	7/9	8/5	9/11
	7/9	8/8	9/11
	7/9	8/8	9/11
	7/9	8/4	9/11
	7/9	8/4	9/11



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	KG. Kg/H
2132		
<u>1890</u>		
4022	3446	3863
2704		
<u>2640</u>		
5344	4578	5131
1999		
<u>2290</u>		
4289	3674	4118
2904		
<u>2993</u>		
5897	5052	5663

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1625	A Tainan 3	301	8/8	9/11	
	B P.I. 294392	132	8/8 <i>S/S</i>	9/11	
	IBP 20				

1626	A Tainan 3	101	8/11	9/11	
	B P.I. 294392	407	8/11 <i>S/1</i>	9/11	
	IBP 20				

1627	A Belle Patna	310	7/13	8/13	
	B C.I. 9433	222	7/13 <i>7/13</i>	8/13	
	IBP 21				

1628	A Belle Patna	104	7/14	8/13	
	B C.I. 9433	406	7/14 <i>7/14</i>	8/13	
	IBP 21				

[illegible]

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	KG. Kg/ha
2044		
2319		
<u>4363</u>	3738	4190
2562		
3131		
<u>5693</u>	4877	5467
1809		
1542		
<u>3351</u>	2871	3218
2370		
2845		
<u>5215</u>	4468	5008

			Date		Plant hgt. (in.)
			1st Head	Fruit Ripe	
1629	A Bluebelle C.I. 9544 IBP 22	203 229	7/18 7/17 7/18	8/21 8/21	
1630	A Bluebelle C.I. 9544 IBP 22	110 403	7/21 7/21 7/21	8/21 8/21	
1631	A Caloro C.I. 1561-1 IBP 23	204 127	8/5 8/5 8/5	9/3 9/3	
1632	A Caloro C.I. 1561-1 IBP 23	207 122	8/4 8/4 8/4	9/3 9/3	

LOGS.
ING

Date
2nd plant
sample

0	6/29	7/17	8/21
0	6/29	7/17	8/21
0			

0	-	7/21	8/21
0	6/29	7/21	8/21
0			

7/9	8/5	9/2
7/9	8/5	9/2

7/9	8/4	9/2
7/9	8/4	9/2

[illegible]

YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	Kg/Ha
1435		Kg/Ha
1822		
<u>3257</u>	2790	3127
2482		
2671		
<u>5153</u>	4415	4949
2472		
2485		
<u>4957</u>	4247	4761
2861		
2871		
<u>5732</u>	4911	5505

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1633	A Calrose	304	7/31	9/3	
	B C.I. 8988	232	7/31	9/3	
	IBP 24		7/31		
1634	A Calrose	212	7/31	9/3.	
	B C.I. 8988	410	7/31	9/3	
	IBP 24		7/31		
1635	A Strain 170/15	303	8/21	9-23	
	B P.I. 330473	231	8/20	9-23	
	IBP 25		8/21		
1636	A Strain 170/15	103	8/20	9-23	
	B P.I. 330473	125	8/20	9-23	
	IBP 25		8/20		

LOD3.

Date
2nd plant
sample

7/9

7/31

9/2

7/9

7/31

9/2

7/9

7/31

9/2

7/9

7/31

9/2

8/5

8/21

9/23

8/5

8/21

9/23

8/5

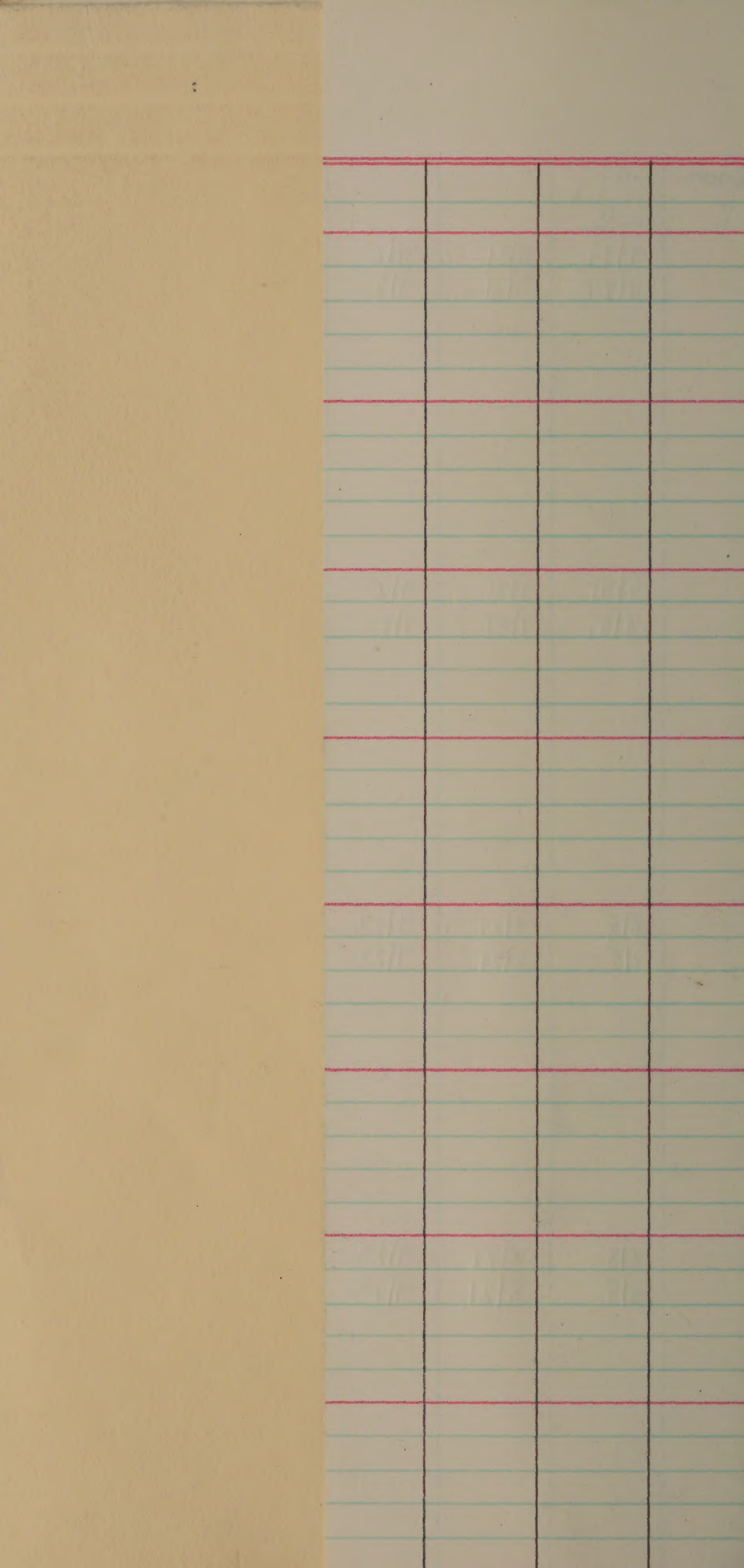
8/21

9/23

8/5

8/21

9/23



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	B.

2154		Kg/Ha
2614		
<u>4768</u>	4085	4579

2930		
3098		
<u>6028</u>	5164	5288

1785		
1646		
<u>3431</u>	2939	3294

2326		
2119		
<u>4445</u>	3808	4268

Nos. 1651-1686 TEMPERATURE VARS.

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1651	A	Stirpe 136-7	144	7/13	8/21
	B	P.I. 215523	444	7/13	8/21
		IBP 29		7/13	

1652	A	Stirpe 136-7	352	7/13	8/21
	B	P.I. 215523	322	7/13	8/21
		IBP 29		7/13	

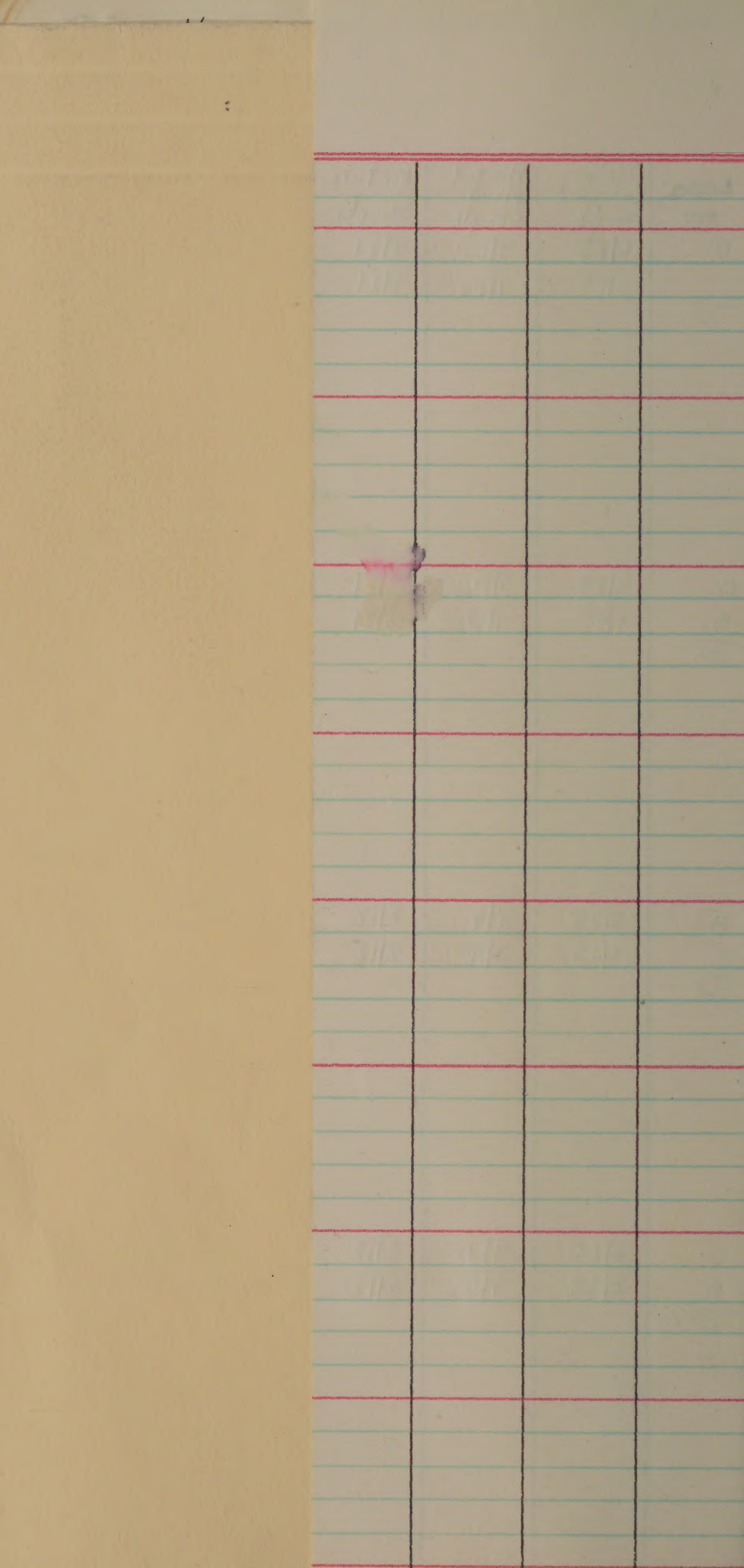
1653	A	Honenwase	147	7/8	8/12
	B	P.I. 330463	341	7/8	8/12
		IBP 31		7/8	

many late tillers!!

1654	A	Honenwase	249	7/9	8/12
	B	P.I. 330463	429	7/9	8/12
		IBP 31		7/9	

no late tillers!!!

LODG. ING	Date 2nd plant sample	Headed plant sample	Mature Sample
0	6/25	7/13	8/21
0	6/25	7/13	8/21
0			
0	6/25	7/13	8/21
0	6/25	7/13	8/21
0			
0	6/25	7/9	8/12
0	6/25	7/9	8/12
0			
0	6/25	7/9	8/12
0	6/25	7/9	8/12
0			



YIELD DATA

GMS. PER ROW	YIELD	
966		Kg/Ha
1516		
<u>2482</u>	2126	2383
2281		
1940		
<u>4221</u>	3616	4053
910		
933		
<u>1843</u>	1579	1770
1943		
2120		
<u>4063</u>	3481	3902

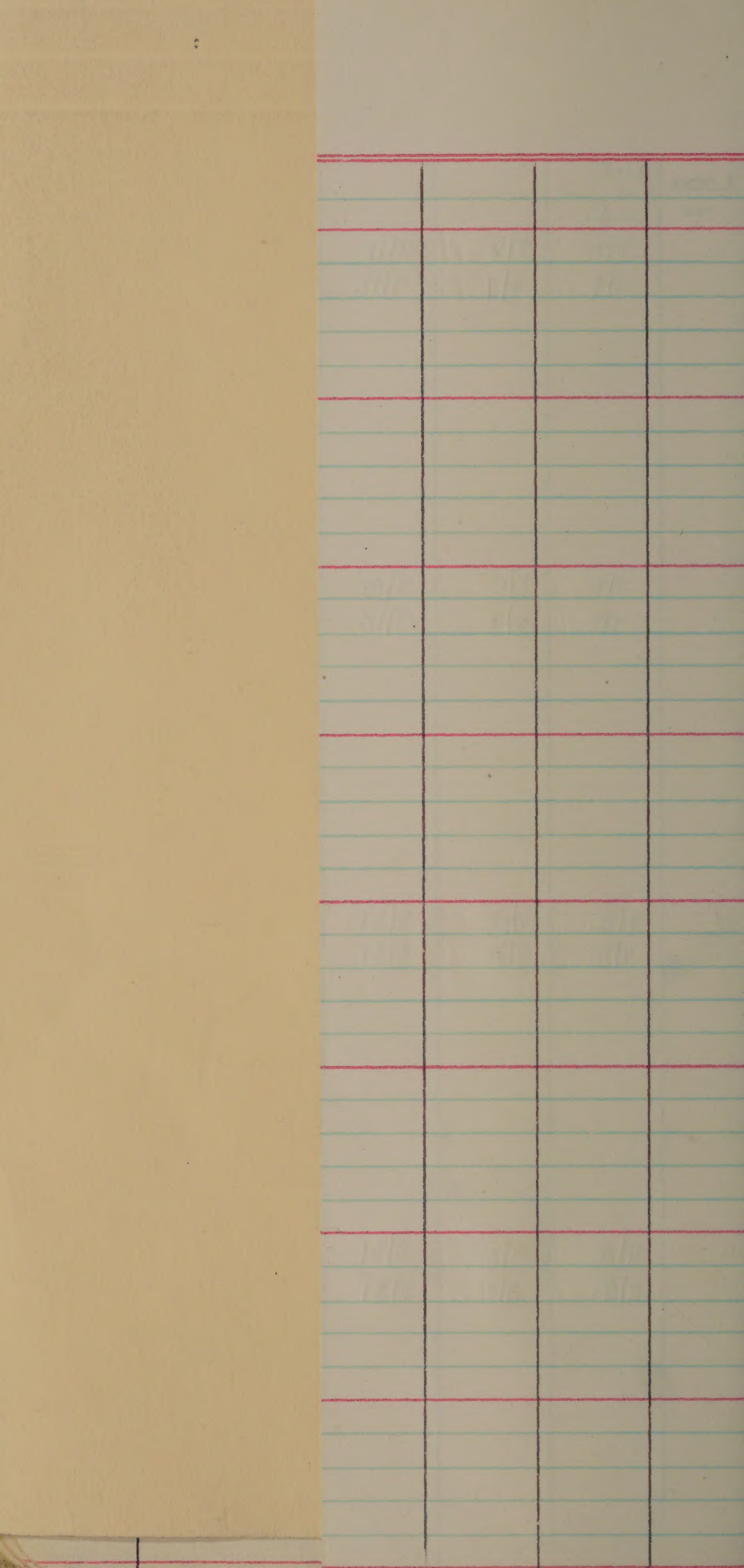
			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1655	A Kinmaze B P.I. 294358 IBP 33	143 343	8/9 <u>8/7</u> 8/8	9-18 9-18	

1656	A Kinmaze B P.I. 294358 IBP 33	247 324	8/5 <u>8/5</u> 8/5	9-18 9-18	
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1657	A Manryo B P.I. 330466 IBP 34	345 426	7/25 <u>7/25</u> 7/25	8/28 8/28	
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1658	A Manryo B P.I. 330466 IBP 34	241 323	7/25 <u>7/25</u> 7/25	8/28 8/28	
------	---	------------	-----------------------------	--------------	--

LOGG- ING	Date 2nd plant sample		
0	7/9	8/8	9/18
0	7/9	8/7	9/18
0	7/9	8/5	9/18
0	7/9	8/5	9/18
0	7/95	7/25	8/31
0	7/95	7/25	8/31
0	7/95	7/25	8/31
0	7/95	7/25	8/31



YIELD DATA

GMS. PER ROW	CRE YIELD	US	kg/Ha
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1062			
1316			
<u>2378</u>	2037	2283	

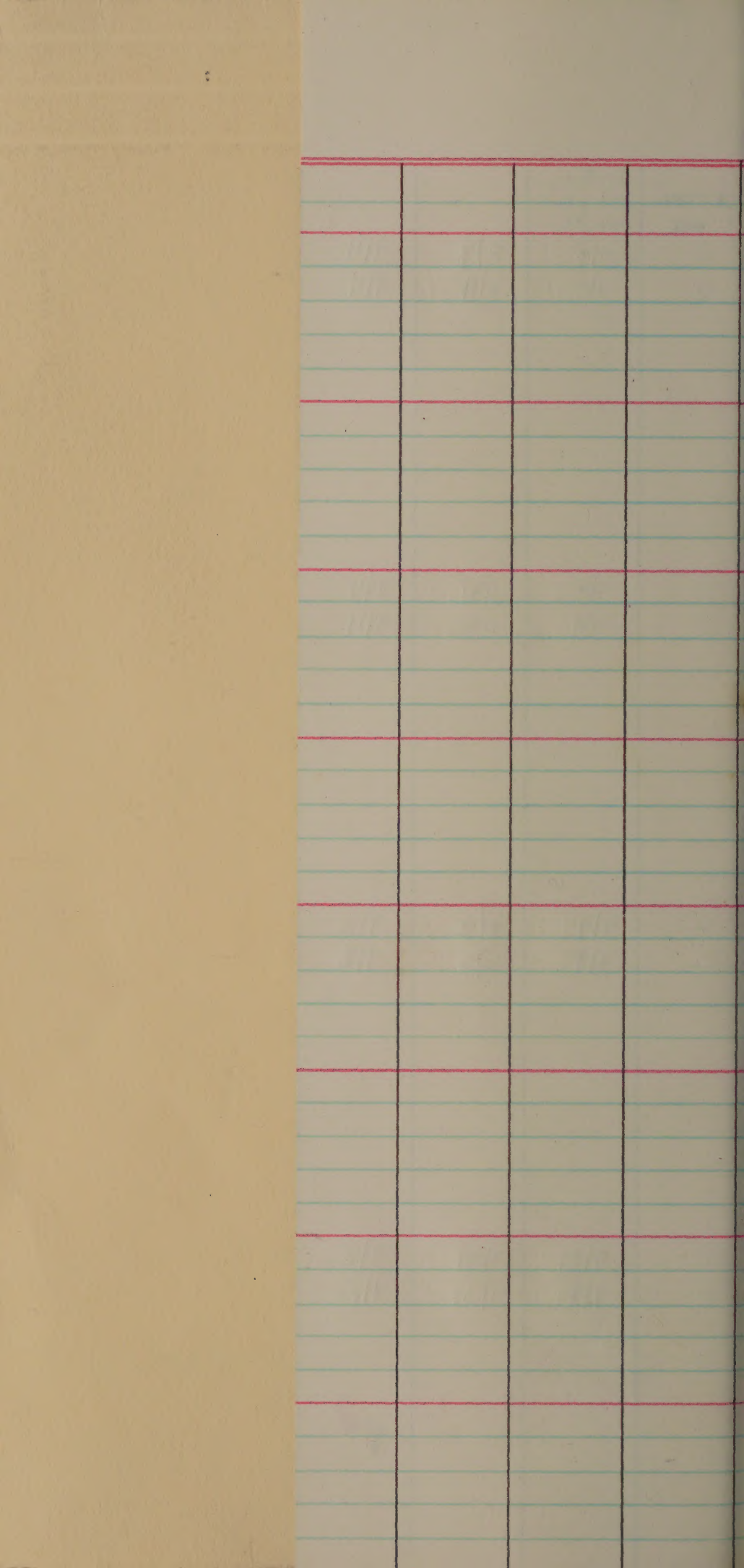
1778			
1850			
<u>3628</u>	3108	3484	

1933			
2108			
<u>4041</u>	3462	3881	

2369			
2704			
<u>5073</u>	4346	4871	

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1659	A Norin #8 B P.I. 162115 IBP 35	152 445	8/2 8/1 8/2	9/3 9/3	
1660	A Norin #8 B P.I. 162115 IBP 35	252 328	7/31 7/30 7/31	9/3 9/3	
1661	A Norin # 22 B P.I. 294361 IBP 36	441 422	8/3 8/2 8/3	9/3 9/3	
1662	A Norin # 22 B P.I. 294361 IBP 36	250 432	7/31 7/31 7/31	9/3 9/3	

LODG- ING	Date 2nd plot sample		
0	7/9	8/3	9/4
0	7/9	8/4	9/4
0	7/9	7/31	9/4
0	7/9	7/30	9/4
0	7/9	8/3	9/2
0	7/9	8/3	9/2
0	7/9	7/31	9/2
0	7/9	7/31	9/2



YIELD DATA

GMS. PER ROW	ACRE YIELD LBS.	Bt.
--------------------	--------------------	-----

1345		18g/14g
1826		
3171	2717	3045

1846		
2043		
3889	3332	3735

1900		
2344		
4244	3636	4076

2493		
2603		
5096	4366	4894

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1663	A Norin # 29 B P.I. 162121	448 423	7/30 7/31 7/31	9/3 9/3	
	IBP 37				

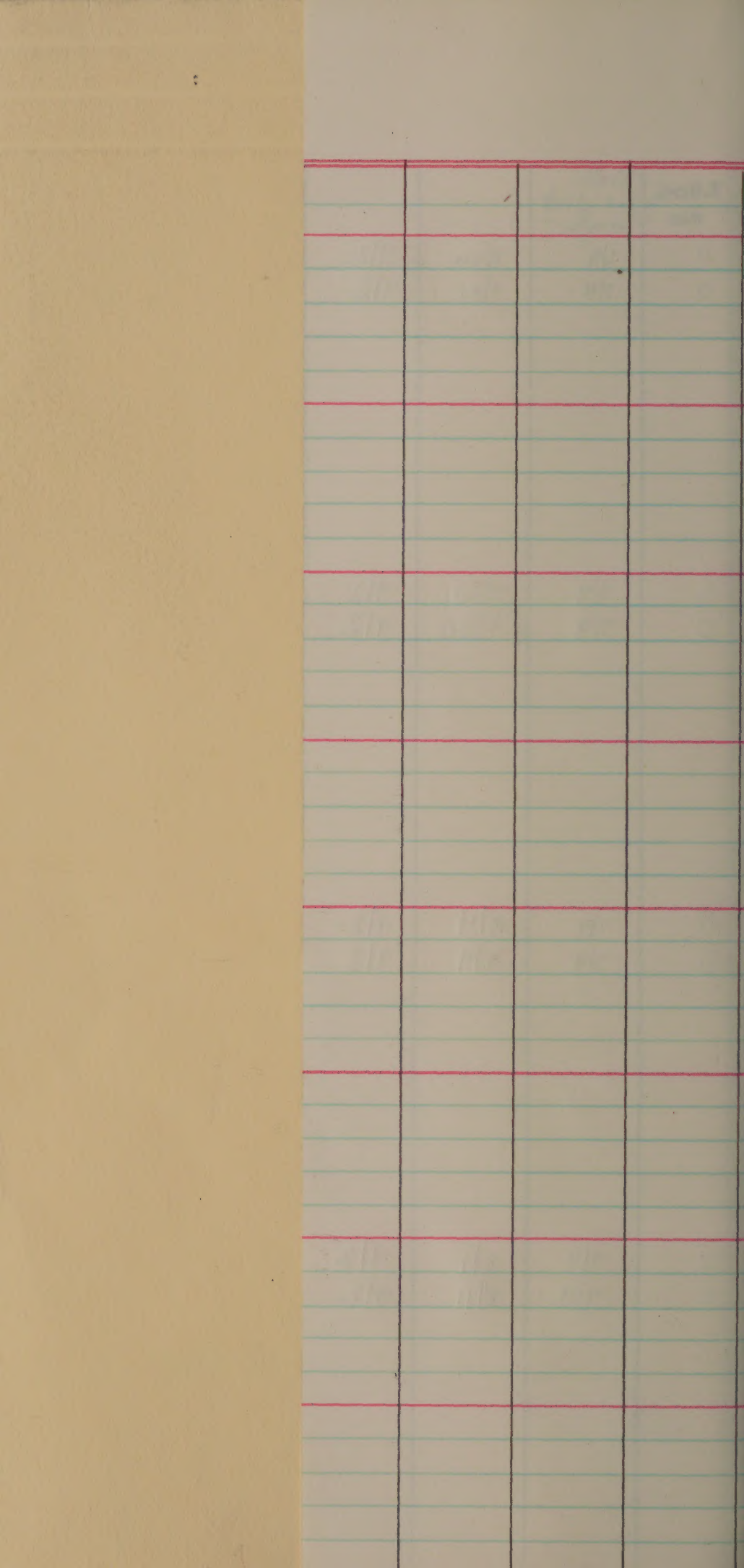
1664	A Norin # 29 B P.I. 162121	251 427	7/30 7/29 7/30	9/3 9/3	
	IBP 37				

white tip

1665	A Yamabike B P.I. 330468	151 443	8/4 8/4 8/4	9/3 9/3	
	IBP 38				

1666	A Yamabike B P.I. 330468	248 329	8/11 8/11 8/11	9/3 9/3	
	IBP 38				

LODG. ING	Date 2nd plant complete		
0	7/9	7/30	9/2
0	7/9	7/31	9/2
0	7/9	7/30	9/2
0	7/9	7/30	9/2
0	7/9	8/4	9/2
0	7/9	8/4	9/2
0	7/9	8/11	9/2
0	7/9	8/11	9/2



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	B.

1893		16/190
2100		
3993	3421	3835

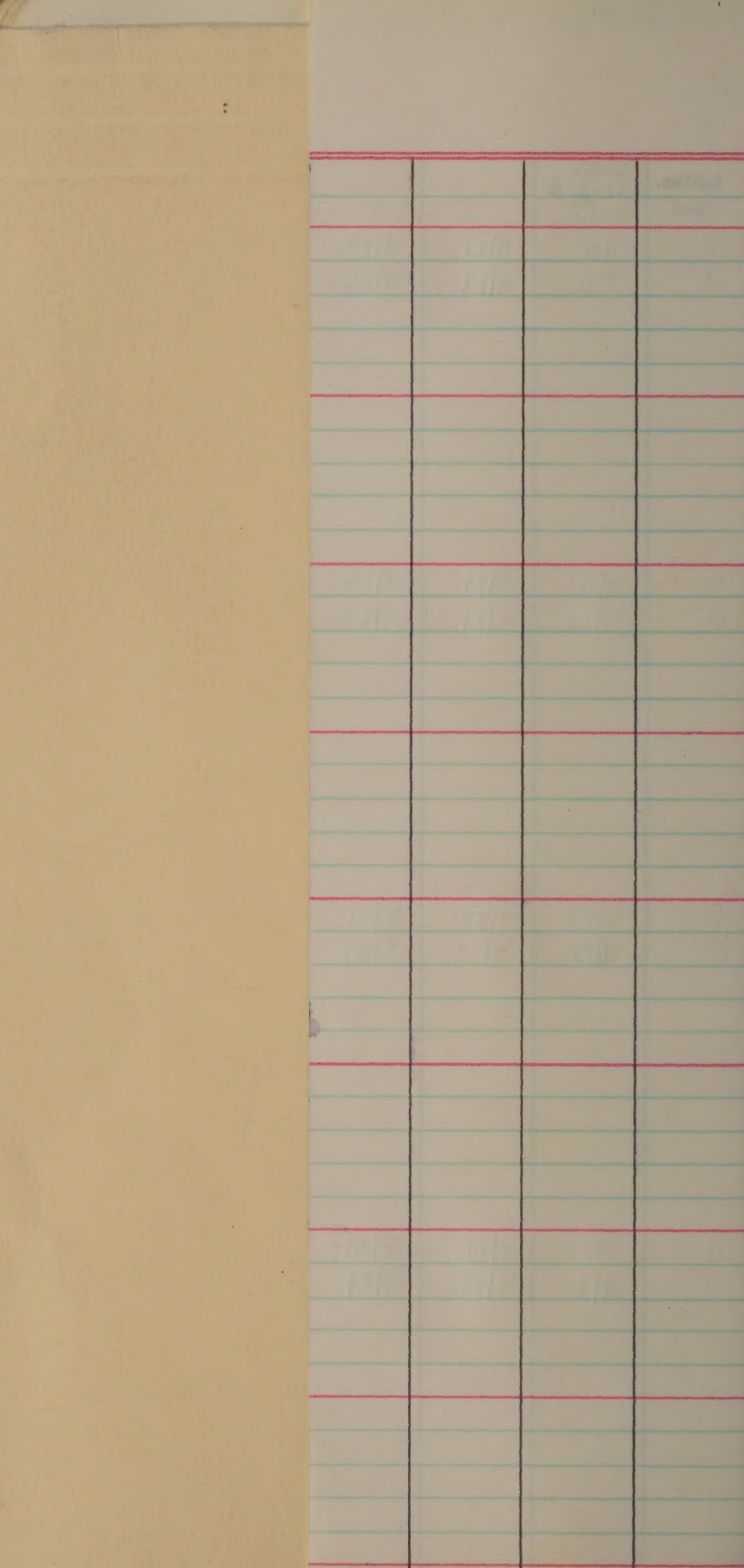
2489		
2497		
4986	4272	4288

1575		
1854		
3429	2938	3293

2286		
2173		
4459	3820	4282

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1667	A	Zuiho	449	8/20	9-23
	B	P.I. 294351	424	8/20 <u>8/20</u>	9-23
		IBP 39			
1668	A	Zuiho	242	8/21	9-23
	B	P.I. 294351	330	8/21 <u>8/21</u>	9-23
		IBP 39			
		White tip			
1669	A	Jae Keun	141	7/23	8/28
	B	P.I. 281764	447	7/22 <u>7/22</u>	8/28
		IBP 40 0-0-0			
1670	A	Jae Keun	350	7/22	8/28
	B	P.I. 281764	430	7/22 <u>7/22</u>	8/28
		IBP 46 50-50-0			
		mod. green blight			

[illegible]

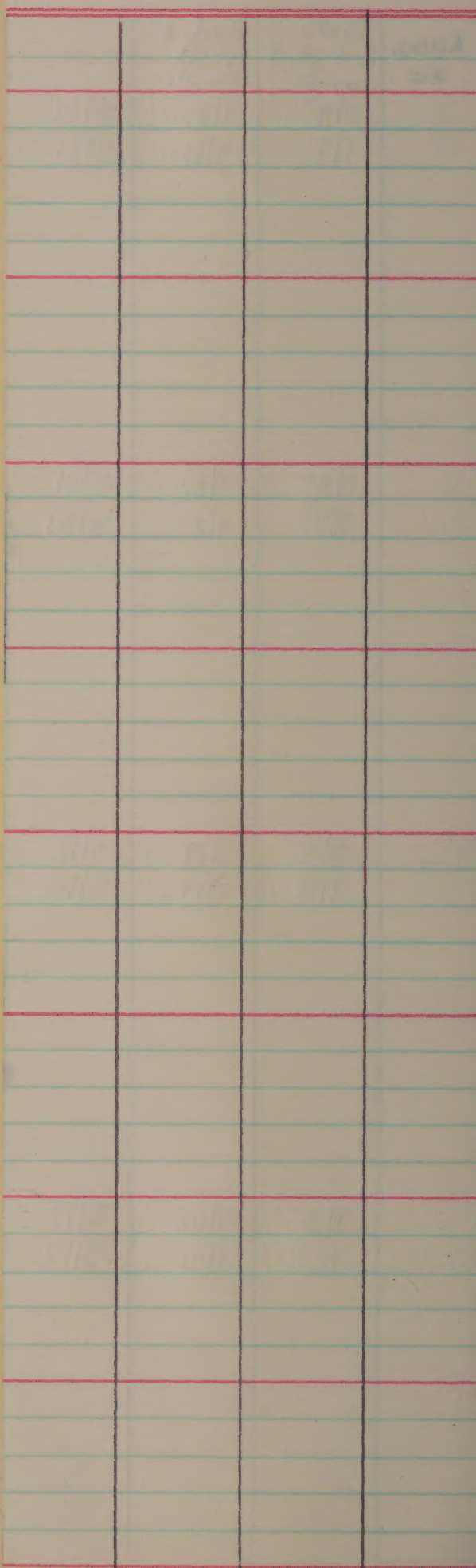
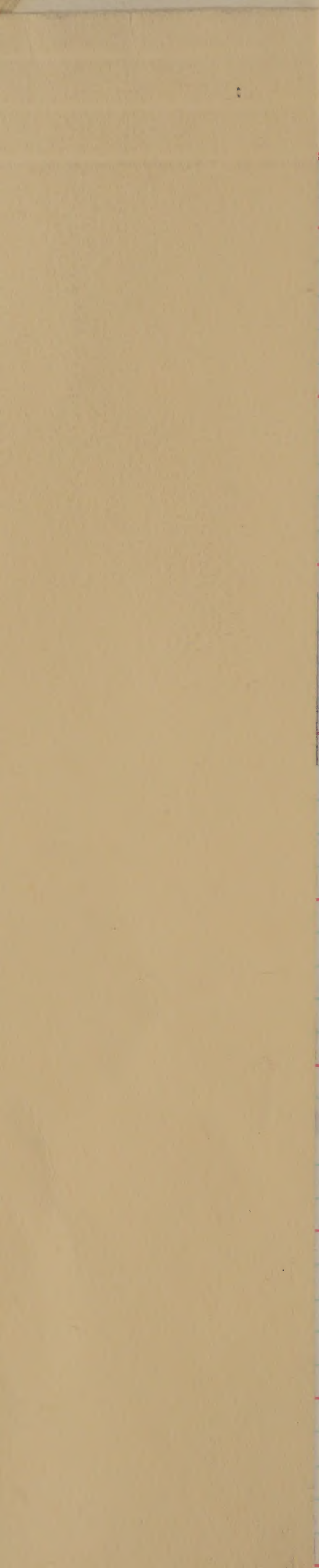


YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	BCT
1556		Kg./Ha.
1392		
<u>2948</u>	2526	2831
1842		
1965		
<u>3807</u>	3261	3655
1622		
2089		
<u>3711</u>	3179	3563
2408		
2228		
<u>4636</u>	3972	4452

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1671	A Jin Heung	142	7/23	8/28	
	B P.I. 281765	452	7/22 7/23	8/28	
	IBP 41				
	0-0-0				
1672	A Jin Heung	246	7/22	8/28	
	B P.I. 281765	327	7/22 7/22	8/28	
	IBP 41				
	80-50-0				
	mod. panicle blight				
1673	A Sabieny	342	7/9 ✓	8/12	
	B P.I. 330472	425	7/9 ✓ 7/9	8/12	
	IBP 44				
	0-0-0				
1674	A Sabieny	245	7/10 ✓	8/12	
	B P.I. 330472	332	7/10 ✓ 7/10	8/12	
	IBP 44				
	80-50-0				

LOGGING	Date 2nd plant sample	Headed plant sample	
0	7/9	7/22	8/31
0	7/9	7/22	8/31
0	7/9	7/22	8/31
0	7/9	7/22	8/31
0	7/9	7/22	8/31
0	7/13	7/19	8/12
0	7/13	7/19	8/12
0	7/13	7/10	8/12
100%	6/25	7/10	8/12



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	

1423		Kg/Ha
1892		
3315	2840	3183

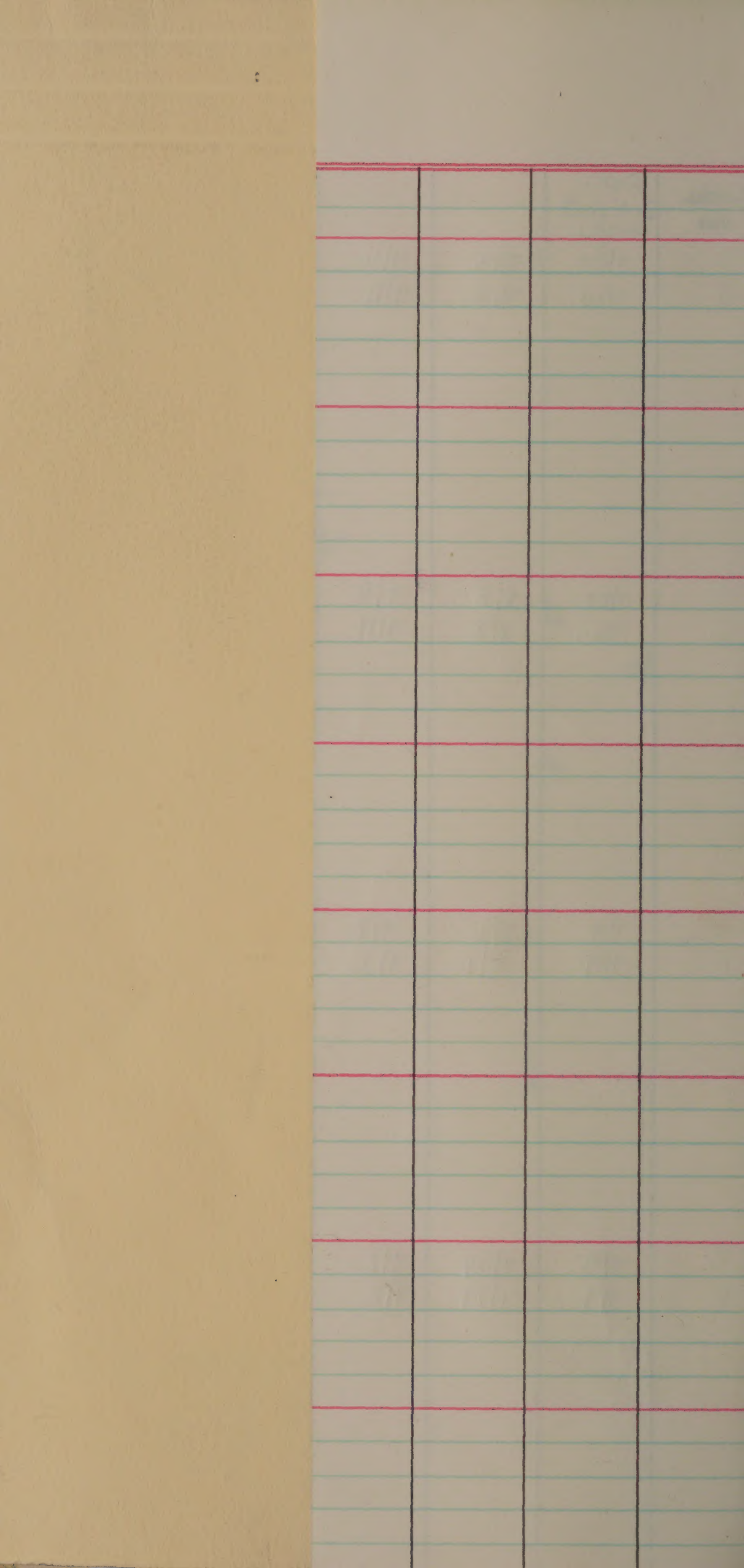
2198		
2186		
4384	3756	4210

1277		
1701		
2978	2551	2859

2165		
1795		
3960	3393	3803

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1675	A	Bluebonnet 50	146	8/13	9/11
	B	C.I. 8990	450	8/13	9/11
		IBP 45	8/13		
		0-0-0			
1676	A	Bluebonnet 50	347	8/8	9/11
	B	C.I. 8990	331	8/8	9/11
		IBP 45	8/8		
		80-50-0			
1677	A	Dawn	148	8/2	9/3
	B	C.I. 9534	346	8/1	9/3
		IBP 46	8/2		
		0-0-0			
1678	A	Dawn	348	7/28	9/3
	B	C.I. 9534	428	7/28	9/3
		IBP 46	7/28		
		80-50-0			

LODGING	Date 2nd plant sample		
0	7/20	8/13	9/11
0	7/20	8/13	9/11
0	7/20	8/8	9/11
0	7/20	8/8	9/11
0	7/9	8/3	9/2
0	7/9	8/1	9/2
0	7/9	7/29	9/2
0	7/9	7/29	9/2

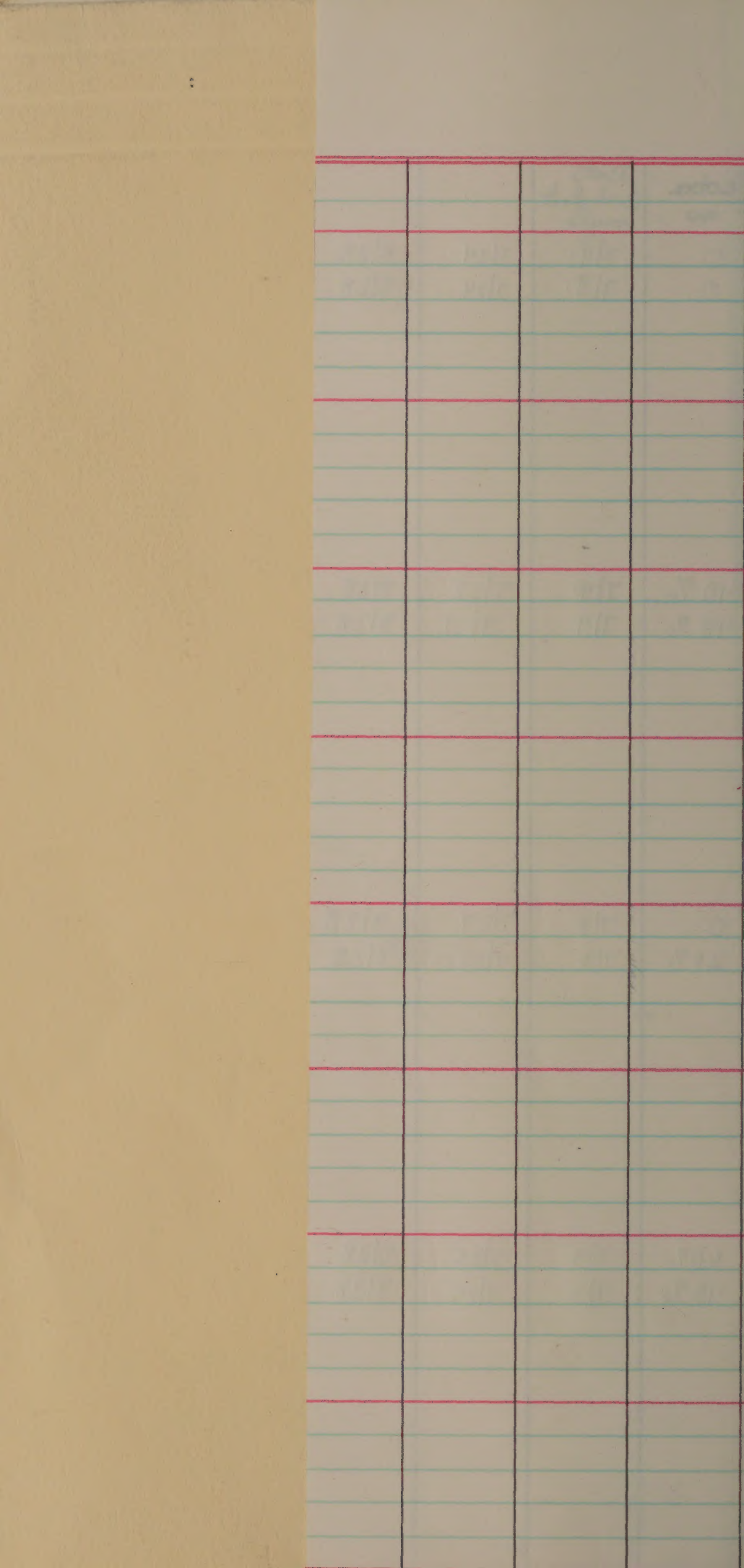


YIELD DATA

GMS. PER ROW	ACRE YIELD LBS.	KG Kg/Mu
1303		
1542		
2845	2437	2732
2296		
2283		
4579	3923	4397
1823		
2376		
4199	3597	4032
2976		
2625		
5601	4798	5378

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1679	A B	Saturn C.I. 9540	149 442	7/24 7/24 7/24	8/28 8/28
		IBP 47			
		0-0-0			
1680	A B	Saturn C.I. 9540	244 431	7/22 7/22 7/22	8/28 8/28
		IBP 47			
		fo 50-0			
1681	A B	Nato C.I. 8998	145 446	7/27 7/25 7/26	8/28 8/28
		IBP 48			
		0-0-0			
1682	A B	Nato C.I. 8998	349 326	7/25 7/25 7/25	8/28 8/28
		IBP 48			
		fo 50-0			

LOGGING	Date		
0	7/9	7/24	8/28
0	7/9	7/24	8/28
40%	7/9	7/22	8/28
40%	7/9	7/22	8/28
0	7/3	7/27	8/28
20%	7/3	7/25	8/28
60%	7/3	7/25	8/28
40%	7/3	7/25	8/28



YIELD DATA

GMS. PER ROW	ACRE YIELD	
	LBS.	Bu.

2094		1/2 Ma
<u>2341</u>		
4435	3799	4258

2645		
<u>3061</u>		
5706	4888	5479

1631		
<u>2478</u>		
4109	3520	3946

2928		
<u>2854</u>		
5782	4953	5552

			Date		Plant hgt. (in.)
			1st Head	Full Ripe	
1683	A	Starbonnet	451	8/7	9/4
	B	C.I. 9584	325	8/8	9/4
		IBP 49	8/8		
		0-0-0			
1684	A	Starbonnet	243	8/4	9/4
	B	C.I. 9584	421	8/4	9/4
		IBP 49	8/4		
		80-50-0			
1685	A	Zenith	150	7/29	8/28
	B	C.I. 7787	344	7/29	8/28
		IBP 50	7/29		
		0-0-0			
1686	A	Zenith	351	7/27	8/28
	B	C.I. 7787	321	7/27	8/28
		IBP 50	7/27		
		80-50-0			
		W.T.			

LODG- ING	Date 2nd plant sample		
0	7/13	8/7	9/4
0	7/13	8/7	9/4
0	7/13	8/4	9/4
0	7/13	8/4	9/4
0	7/9	7/29	8/28
0	7/9	7/29	8/28
0	7/9	7/27	8/28
20%	7/9	7/27	8/28

[illegible]

YIELD DATA

GMS. PER ROW	ACRE	YIELD
	LBS.	-LBS.

1837		Kg/Ha.
1678		
<u>3515</u>	3011	3375

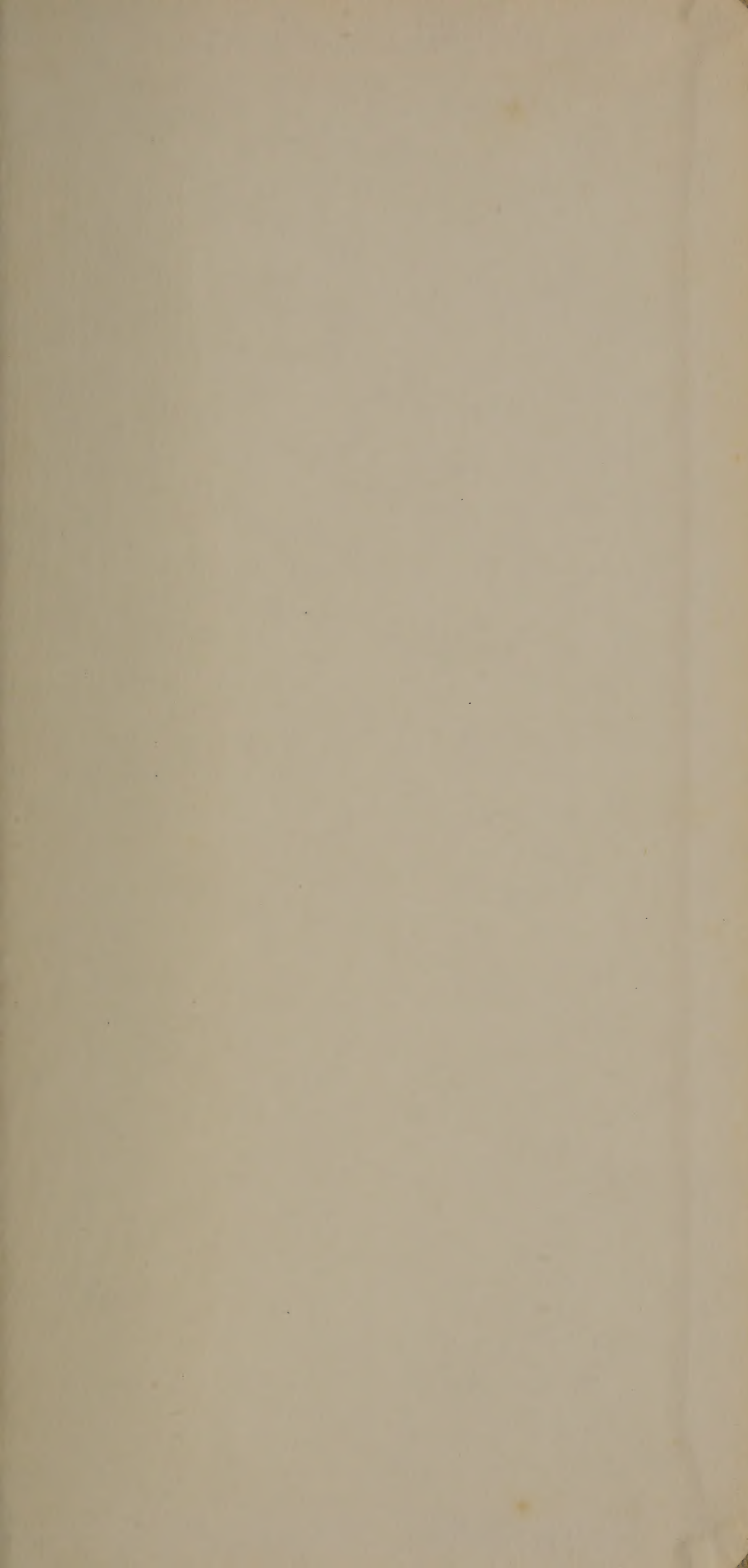
2416		
2594		
5010	4292	4811

2416		
2594		
<u>5010</u>	4292	4811

1670		
2102		
<u>3772</u>	3231	3622

2670		
2487		
<u>5157</u>	4418	4952





Complete except W.C. (2001-2273)

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

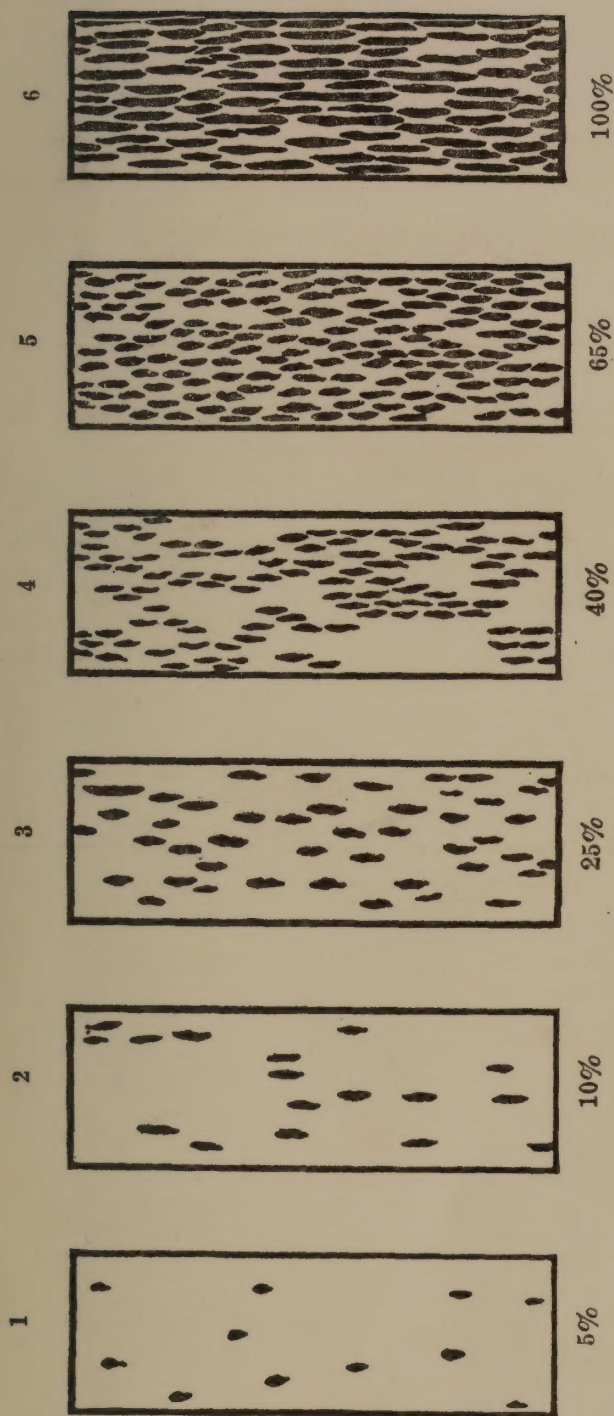


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Check for errors!

2009 & 2010 same identical

2011 & 2012 " "

2013 & 2014 " "

Army
Ind.
alk. - 2.3%
1.7%

Seeds:

HT.

2001 Belle Patna

7/12

43

3d.

2002 PI 29/449

6/25

40

5120

17.6

Hv. 7/30

38

4-6, 2-7

6-6

2003 PI 29/495

6/22

28

5098

17.0

52

Hv. 7/30

6-4

2-23-3, 1-6

2004 PI 180061

7/4

42280

5099

7

5-4, 1-5

Hv. 7/30

6-3

2005 PI 330465

7/10

8/8

BP 574

6-6

Hv. 9/9

6-6

2006 PI 330469

7/9

39

BP 572

24.4

10

Hv. 8/20

1-6, 5-7

6-7

2007 PI 330470

7/11

46

BP 573

17.6

Hv. 8/20

37

6-6

4-5, 2-6

2008 PI 337325

7/30

28.0

BP 605

58

Hv. 9/9

6-4

6-3

2009 + 2010 look identical but have different P.I. nos.
 2011 + 2012 " " " " " "
 2010 + 2011 have some no but are "different" ; **1**
 2012 + 2013. that 2011 or 2011 as
 2014 + 2015 are affixed but have some no.

		^{Amy} 25.8 42-2.5% HT 1.9%			
P.I. 337326 BP 606	25.8 5 4-4, 2-5 6-3	45	7/6 Hv. 7/30	2009	
P.I. 337327 BP 311	28.0 7 5-4, 1-5 6-3	46	7/6 Hv. 7/30	2010	
P.I. 337327 BP 607	28.0 8 5-4, 1-5 4-2, 2-3	52	7/17 Hv. 8/20	2011	
P.I. 337328 BP 312	28.0 5-2, 1-3	52	7/17 Hv. 8/20	2012	
P.I. 337328 BP 608	28.0 6 2-4, 4-5 5-3, 1-4	46	7/9 Hv. 7/30	2013	
P.I. 337329 BP 313	28.0 5 6-4 4-3, 2-4	46	7/6 Hv. 7/30	2014	
P.I. 337329 BP 609	27.2 11 6-4 2-2, 4-3	42	6/22 Hv. 7/30	2015	
P.I. 337338 BP 314	16.0 57 6-2 6-2	32"	7/27 Hv. 9/9	2016	

Amy
 Ind. 2.0%
 alk 1.7%

PI 337362
 2017 26.6 7/29 35" BP 477
 15
 6-7
 6-7 Hv. 9/9

PI 337549
 2018 20.2 8/17 49" BP 316
 21
 6-6
 6-6 Hv. 9-17

PI 338345
 2019 28.0 8/14 45" BP 476
 5
 5-4, 1-5
 3-2, 3-3 Hv. 9-17

PI 338511
 2020 27.2 7/28 35" BP 478
 16
 6-7
 6-7 Hv. 9/9

PI 338512
 2021 26.6 7/28 36" BP 479
 15
 6-7
 6-7 Hv. 9/9

PI 338550
 2022 27.0 7/17 35" BP 480
 14
 2-3, 2-4, 2-5
 6-2 Hv. 8/20

PI 338625
 2023 27.2 7/15 35" BP 481
 11
 2-4, 4-5
 2-2, 4-3 Hv. 8/20

PI 338694
 2024 27.2 8/22 38" BP 486
 8
 6-2
 3-2, 2-3

Army

Inf - 2.070
 Oak - 1.770

PI 338695 BP 503	Jaya 26.6 10 6-7 6-7	35"	8/19	2025
PI 338696 BP 504	25.8 10 6-7 6-7	36"	8/19	2026
PI 338697 BP 505	27.2 10 6-7 6-7	35"	8/19	2027
PI 338698 BP 506	26.6 10 6-7 6-7	34"	8/20	2028
PI 338699 BP 507	27.2 10 6-7 6-7	34"		2029
PI 338700 BP 508	26.6 10 6-7 6-7	33"		2030
PI 338701 BP 509	27.0 10 6-7 6-7	34"		2031
PI 338702 BP 510	27.2 10 6-7 6-7	35"		2032

Army
 2.070
 1.770
 alk

P.I. 338703
 2033
 25.8
 8/18 35" BP 511
 13
 6-7
 6-7

P.I. 338704
 2034
 25.8
 8/18 37" BP 512
 10
 6-7
 6-7

P.I. 338705
 2035
 25.2
 10 37" BP 513
 6-7
 6-7

P.I. 338706
 2036
 25.8
 8/14 37" BP 514
 6
 6-7
 6-7

P.I. 338707
 2037
 25.8
 8/20 34" BP 515
 13
 6-7
 6-7

P.I. 338708
 2038
 Padma
 27.2
 7/17 36" BP 516
 9
 3-4, 3-7
 3-2, 3-7 Hv. 8/20

P.I. 338709
 2039
 25.2
 7/19 35" BP 517
 14
 6-7
 6-7 Hv. 8/20

P.I. 338710
 2040
 27.2
 7/31 35" BP 518
 6
 1-4, 5-8
 6-3 Hv. 9-17
 reg. coat.

Amy
 Ind. 2.0%
 alk 1.7%

PI. 338711 BP 519	24.4 8 6-7 6-7	36"	7/17 Hv. 8/20	2041
PI 338712 BP 520	Hamsa 27.0 5 6-4 6-3	35"	8/19 Hv. 9-17	2042
PI. 339730 BP 502 Kulu	18.8 22 6-2 6-2	42"	7/18 Hv. 8/20	2043
P.I. 342650 BP 610	23.8 11 3-2, 3-3 6-2	42"	7/18 Hv. 8/20	2044
P.I. 342651 BP 611	25.2 13 6-4 6-3	58"	8/28 Hv. 9-17	2045
P.I. 342655 BP 615	15.2 51 6-2 6-2	42"	7/20 Hv. 9-17	2046
PI. 342907 BP 617	11	↑		2047
P.I. 342908 BP 618				2048

Ind.

HT.

P.I. 342909
2049

BP 619

P.I. 342910
2050

BP 620

P.I. 342911
2051

BP 621

P.I. 342912
2052

BP 622

P.I. 342913
2053

BP 623

P.I. 342914
2054

BP 624

P.I. 342915
2055

BP 625

P.I. 342916
2056

BP 626

bloomed

new

Ingl. 2.070
 alt 1" HT.

P.I. 342917?
 BP 626

2057

P.I. 342917?
 BP 627

2058

P.I. 342918
 BP 628

2059

P.I. 342920
 BP 630

2060

P.I. 343068
 BP 635

24.8

19

6-7

6-7

33"

7/30

2061

Hv. 9/9

P.I. 343836
 BP 644

16.4

36

6-7

6-6

29"

6/27

2062

Hv. 7/30

P.I. 343837
 BP 645

19.6

15

1-6, 5-7

6-6

38"

7/8

2063

Hv. 8/20

P.I. 343840
 BP 637

20.2

13

6-6

6-6

50"

Wombat

8/1

2064

Hv. 9/9

Amy
 Joe
 Ark - 2.0%
 1.7%

PI 344090
 2065

7/9

37"

17.6

BP638

26

Hv. 8/20

6-7

6-6

PI 344092
 2066

7/9

40"

18.4

BP648

29

Hv. 8/20

2-6, 4-7

6-6

PI 294392
 2067

7/29

17.8

44"

Bmt
 Screenhouse

Hv. 9/9

24

6-6

6-6

PI 325895
 2068

9/21

24.4

9

2-6, 4-7

6-5

PI 330465
 2069

8/7

18.6

37"

30

Hv. 9/9

6-6

6-6

PI 330470
 2070

Romeo

7/9

44"

18.6

34

Hv. 8/20

6-6

1-5, 5-6

PI 331475
 2071

8/13

26.6

37"

Hv. 9/9

8

6-4

4-2, 2-3

PI 331480
 2072

8/3

27.6

26"

Hv. 9/9

6

6-4

3-2, 3-3

Amy
 Is. - 2.0 70
 Ark - 1.7 70

P.I. 331482 Bmt Scranehouse	26.6 12 6-4 3-2, 3-3	34"	8/14	2073
P.I. 331492 "	24.4 18 6-7 6-7			2074
P.I. 331494 "	21.4 23 6-4 2-2, 4-3	28"	8/7 Hv. 9/9	2075
P.I. 331495 "	25.8 11 6-4 2-2, 4-3	33"	8/13 Hv. 9-17	2076
P.I. 331509 "	21.6 11 2-2, 4-4 6-2	35"	7/30 Hv. 9/9	2077
P.I. 331516 "	22.6 12 6-4 2-2, 4-3	45"	8/10 Hv. 9/9	2078
P.I. 331524 "	17.2 43 6-2 6-2	38"	7/22 Hv. 8/20	2079
P.I. 331530 "	23.8 16 1-3, 5-4 4-2, 2-3	38"	7/29 Hv. 9/9	2080

Amy
 Josh
 all - 2.00
 1.790

			H ₂	
P.I. 33/532			17.6	
2081		8/7	38"	Bmt
			59	Leranthouse
		Hv. 9/9	6-2	
			5-2, 1-3	
P.I. 33/546			27.2	
2082		7/30	36"	"
			12	
		Hv. 9/9	6-4	
			6-2	
P.I. 33/552			27.2	
2083		8/1	34"	"
			3	
		Hv. 9/9	6-7	
			6-7	
P.I. 33/556			27.2	
2084		8/26	35"	"
			5	
		Hv. 9-17	6-4	
			3-2, 3-3	
P.I. 33/558			27.2	
2085		8/30	34"	"
			6	
			6-7	
			6-7	
P.I. 33/579		7/11	23.8	
2086		7/14	31"	"
			13	
		Hv. 8/20	2-2, 1-2, 2-4	
			4-2, 2-3	
P.I. 33/580			23.8	
2087		7/14	33"	"
			16	
		Hv. 8/20	4-3, 2-4	
			5-2, 1-3	
P.I. 33/584A			51"	
2088		7/4	21.4	"
			10	
		Hv. 8/20	2-2, 1-4, 1-5	
			2-4, 2-6, 2-7	

AMY
 Ind - 2.0%
 out - 1.7%

		HT		
P.I. 331584B	20.2	Seg.		
Bmt	23	Cor	7/6	2089
Screenhouse	2-3, 1-4, 1-6, 2-7	HIX		
	5-2, 1-6	49" tallest	Hv. 8/20	
P.I. 331587	16.6			
"	39	seg.	7/17	2090
	3-6, 3-7	mat.		
	5-6, 1-7	41"	Hv. 9/9	
P.I. 331594	14.8			
"	41	35"	7/28	2091
	6-2			
	6-2	much seg.	Hv. 9/9	
P.I. 331595	14.2			
"	69	35"	7/26	2092
	6-2			
	6-2		Hv. 9/9	
P.I. 331596	22.6			
"	26	29"	7/20	2093
	1-2, 2-2, 2-4			
	4-2, 2-3		Hv. 8/20	
P.I. 331597	20.2			
"	16	31"	7/24	2094
	1-3, 5-4			
	6-2		Hv. 9/9	
P.I. 331600	23.8			
"	13	31"	7/19	2095
	5-4, 1-7			
	2-2, 3-2, 1-7		Hv. 8/20	
P.I. 331602	22.6			
"	17	32"	7/20	2096
	2-2, 1-3, 3-4			
	4-2, 2-3		Hv. 8/20	

Amey
 2.0%
 1.7%

P.I. 331604
 2097

7/20 22.6 32" Brnt.
 18 Screenhouse
 Hv. 8/20 1-3, 5-4
 5-2, 1-3

P.I. 338013
 2098

7/23 24.2 35" BP 319
 Hv. 9/9 17
 reg. mo 1-6, 5-7
 3-6, 3-7

P.I. 338014
 2099

7/20 23.2 34" BP 320
 Hv. 9/9 17
 reg. mo 2-6, 4-7
 6-7

P.I. 338015
 2100

7/22 24.4 39" BP 321
 Hv. 9/9 18
 6-7
 6-7

P.I. 338016
 2101

7/9 25.4 34" BP 322
 Hv. 8/20 23
 6-7
 6-6

P.I. 338017
 2102

7/25 25.2 32" BP 323
 Hv. 9/10 13
 6-7
 6-7

P.I. 338018
 2103

7/23 26.6 29" BP 324
 Hv. 9/10 19
 6-7
 6-7

P.I. 338019
 2104

7/23 16.0 31" BP 325
 Hv. 9/10 26
 6-6
 2-4, 4-5

Army
 Soil: 2.07%
 alk: -1.7%

7

P.I. 338020 BP 326	17.0 41 6-6 6-6	30"	7/28 Hv. 9/10	2105
P.I. 338022 BP 328	26.2 13 6-7 6-7	38"	7/13 Hv. 9/10	2106
P.I. 338023 BP 329	24.4 19 6-7 1-6, 5-7	34"	7/20 Hv. 9/10	2107
P.I. 338024 BP 330	17.6 26 4-6, 2-2 6-6	34"	8/3 Hv. 9/10	2108
P.I. 338025 BP 331	25.8 19 6-7 6-7	27"	7/1 Hv. 8/20	2109
P.I. 338026 BP 332	22.0 16 1-6, 5-7 2-6, 4-7	32"	7/12 Hv. 9/10	2110
P.I. 338027 BP 333	22.0 18 1-6, 5-7 1-6, 5-7	30"	7/13 Hv. 9/10	2111
P.I. 338029 BP 335	25.8 13 6-7 6-7	30"	7/8 Hv. 9/10	2112

Amy
 Lost - 2.0%
 alk - 1.7%

P.I. 338030
 2113

7/17 31" BP 336
 16.0
 Hv. 8/20 57
 5-2, 1-3
 6-2

P.I. 338031
 2114

7/23 33 BP 337
 20.4
 25
 Hv. 9/10 6-2
 6-2

P.I. 338032
 2115

7/20 32" BP 338
 18.6
 39
 Hv. 8/20 1-6, 5-7
 6-6

P.I. 338033
 2116

7/23 32" BP 339
 48
 Hv. 9/10 6-7
 6-6

P.I. 338034
 2117

7/20 30" BP 340
 15.6
 55
 Hv. 8/20 6-2
 6-2

P.I. 338035
 2118

7/23 31" BP 341
 16.0
 59
 Hv. 9/10 6-2
 6-2

P.I. 338036
 2119

7/25 31" BP 342
 44
 Hv. 9/10 2-6, 4-7
 6-6

P.I. 338037
 2120

7/24 27" BP 343
 43
 Hv. 9/10 3-6, 3-7
 6-6

Amy
 Isd: 2.090
 alk: 1.770

P.I. 338038 BP 344	16.0 54 6-6 2-5, 4-6	31"	7/27 Hv. 9/10	2121
P.I. 338039 BP 345	20.8 29 5-4, 1-5 2-2, 4-3	32"	8/9	2122
P.I. 338040 BP 346	24.8 16 5-4, 1-5 6-2	31"	7/30 Hv. 9/10	2123
P.I. 338041 BP 347	28.0 4 5-4, 1-5 6-2	37"	7/29	2124
P.I. 338043 BP 349	26.6 10 6-4 6-2	37"	8/2 Hv. 9/10	2125
P.I. 338044 BP 350	25.2 16 6-4 5-2, 1-3	39"	7/28 Hv. 9/10	2126
P.I. 338045 BP 351	21.6 24 6-3 4-2, 2-3	36"	7/20 Hv. 9/10	2127
P.I. 338046 BP 352	22.2 15 6-7 3-6, 3-7	33"	8/8 Hv. 9/10	2128

Amy
 Joel - 2.0%
 All - 1.7%

P.I. 338047
 2129

7/27 15.8
 28" BP 353
 62
 Hv. 9/10 6-2

P.I. 338048
 2130

6-2
 24.8
 8/3 27" BP 354
 21
 2-3, 4-4
 4-2, 2-3

P.I. 338049
 2131

25.2
 8/2 32" BP 355
 20
 Hv. 9/10 4-4, 1-5, 1-7

P.I. 338050
 2132

2-2, 1-5, 3-7
 25.2
 7/27 33" BP 356
 19
 Hv. 9/10 5-4, 1-7

P.I. 338051
 2133

2-2, 1-4, 1-5, 2-7
 22.6
 7/29 37" BP 357
 12
 Hv. 9/10 6-3

P.I. 338052
 2134

6-2
 27.2
 8/14 34" BP 358
 15
 6-7
 6-7

P.I. 338053
 2135

26.6
 8/9 35" BP 359
 13
 5-4, 1-5
 5-2, 1-3

P.I. 338054
 2136

23.2
 8/15 34" BP 360
 16
 Hv. 9/10 3-5, 3-6
 2-2, 4-3

Amy
Joni 2.0%
Akh 1.7%

P.I. 338055 BP 361	27.2 16 6-7 6-7	32"	7/30 Hv. 9/10	2137
P.I. 338056 BP 362	27.2 10 1-2, 1-3, 4-4 6-2	35"	7/30	2138
P.I. 338057 BP 363	27.0 18 6-7 6-7	33"	8/14	2139
P.I. 338058 BP 364	17.6 17 4-6, 2-7 1-5, 6-6	32"	8/19	2140
P.I. 338059 BP 365	28.0 12 6-7 6-7	37"	8/20 Hv. 9-17	2141
P.I. 338060 BP 366	- 12 6-7 6-7	38"	8/17 Hv. 9-17	2142
P.I. 338062 BP 368	28.4 12 6-7 6-7	37"	8/17 Hv. 9-17	2143
P.I. 338063 BP 369	28.8 12 6-7 6-7	37"	8/18 Hv. 9-17	2144

Army
 Ind: 2.070
 alk: 1.790

P.I. 338064
 2145

28.0
 8/17 32" BP 370
 16
 Hr. 9-17 6-7
 6-7

P.I. 338065
 2146

27.2
 8/19 37" BP 371
 9
 Hr. 9-17 6-7
 6-7

P.I. 338066
 2147

27.2
 8/13 33" BP 372
 15
 Hr. 9-17 4-4, 2-7
 6-3

P.I. 338067
 2148

27.2
 8/17 28" BP 373
 16
 Hr. 9-17 6-7
 6-7

P.I. 338068
 2149

26.6
 7/31 30" BP 374
 17
 Hr. 9-17 1-3, 5-4
 4-2, 1-3, 1-2

P.I. 338069
 2150

26.6
 8/16 32" BP 375
 19
 Hr. 9-17 1-3, 4-4, 1-2
 5-2, 1-4

P.I. 338070
 2151

26.6
 8/16 31" BP 376
 26
 Hr. 9-17 6-7
 1-4, 5-2

P.I. 338071
 2152

23.8
 8/4 32" BP 377
 17
 Hr. 9-17 5-3, 4-4
 6-2

Amy
 Load: 2.0%
 Air: 1.770

P.I. 338072 BP 378	22.6 25' 23, 2-4, 2-7 2-2, 4-6	35"	7/30 Hv. 9-10	2153
P.I. 338073 BP 379	17.6 36 6-6 1-4, 4-5, 1-6	27"	7/20 Hv. 8/20	2154
P.I. 338074 BP 380	27.2 24 6-2 6-2	30"	8/17 Hv. 9/17	2155
P.I. 338075 BP 381	23.8 20 6-2 1-4, 5-2	31"	8/3 Hv. 9/10	2156
P.I. 338076 BP 382	22.0 26 2-2, 4-4 6-2	32"	7/29 Hv. 9/10	2157
P.I. 338077 BP 383	26.6 17 6-2 6-2	28"	8/8 Hv. 9/10	2158
P.I. 338078 BP 384	20.2 24 3-6, 3-7 6-6	28"	7/18 Hv. 9/10	2159
P.I. 338079 BP 385	21.4 30 6-2 6-2	30"	7/17 Hv. 8/20	2160

Amy
 Incl. 2.0%
 alt. 1.790

P.I. 338080
 2161

19.0
 7/24 29" BP 386
 29
 Hv. 9/10 46, 2-7
 1-4, 1-5, 4-6

P.I. 338081
 2162

15.8
 7/29 30" BP 387
 43
 Hv. 9/10 6-2
 6-2

P.I. 338082
 2163

19.6
 7/21 28" BP 388
 29
 Hv. 9/10 1-6, 5-7
 1-4, 1-5, 4-6

P.I. 338083
 2164

20.8
 7/31 37" BP 389
 41
 Hv. 9/10 6-2
 6-2

P.I. 338084
 2165

16.6
 7/21 36" BP 390
 58
 Hv. 9/10 6-2
 6-2

P.I. 338085
 2166

27.6
 7/1 34" BP 391
 17
 Hv. 9-17 6-2
 6-2

P.I. 338087
 2167

24.2
 7/24 32" BP 393
 29
 Hv. 9/10 6-2
 1-5, 4-6, 1-7

P.I. 338088
 2168

20.8
 7/25 33" BP 394
 38
 Hv. 9/10 5-6, 1-7
 3-4, 2-5, 1-6

Army
 Isd - 2.0%
 alk - 1.7%

P.I. 338089 BP 395	17.0 59 4-6, 2-7 6-6	32"	7/20 Hv. 9/10	2169
P.I. 338090 BP 396	23.4 28" to 42" ag. 28 30 6-7 1-5, 2-6, 3-7	30	7/15 Hv. 8/20	2170
P.I. 338091 BP 397	27.2 22 6-7 4-6, 2-7	34"	7/14 Hv. 9/10	2171
P.I. 338092 BP 398	24.4 30 2-6, 4-7 1-4, 2-6, 3-7	33"	7/21 Hv. 9/10	2172
P.I. 338093 BP 399	20.8 32 4-6, 2-7 3-5, 3-6	33"	7/14 Hv. 9/10	2173
P.I. 338094 BP 400	18.6 50 6-6 2-5, 4-6	32"	7/14 Hv. 9/10	2174
P.I. 338095 BP 401	26.6 30 6-7 1-5, 2-6, 3-7	29"	7/17 Hv. 9/10	2175
P.I. 338096 BP 402	26.6 24 1-3, 1-4, 1-5, 3-7 3-2, 1-6, 2-7	3.4"	8/3 Hv. 9/10	2176

Any
 Incl. 2.0%
 alk 1.7%

P.I. 338098 2177	8/16	16.0 29" 52 6-2 6-2	BP 404
P.I. 338099 2178	8/8 Hv. 9/10	17.6 35" 38 6-2 6-2	BP 405
P.I. 338100 2179	7/29 Hv. 9/10	26.6 27" 21 6-7 1-5, 5-6	BP 406
P.I. 338102 2180	8/13 Hv. 9-17	26.6 29" 16 6-7 5-6, 4-7	BP 408
P.I. 338103 2181	8/8 Hv. 9-17	24.4 32" 10 6-7 4-6, 2-7	BP 409
P.I. 338104 2182	7/31 Hv. 9/10	25.2 32" 9 6-7 6-6	BP 410
P.I. 338105 2183	8/1 Hv. 9/10	24.8 30" 9 1-6, 5-7 2-5, 4-6	BP 411
P.I. 338106 2184	9/9	28.0 40" 19 2-6, 4-7 1-5, 5-6	BP 412

Amy
 Josh 2.070
 alk 1.770

P.I. 338107 BP 413	27.2 6 6-4 6-2	37"	8/15 Hv 9-17	2185
P.I. 338108 BP 414	29.6 7 6-4 6-2	31"	7/28 Hv. 9/10	2186
P.I. 338109 BP 415	28.0 12 6-4 6-2	33"	7/27 Hv. 9/10	2187
P.I. 338110 BP 416	28.4 7 6-4 6-2	31"	7/24 Hv. 9/10	2188
P.I. 338111 BP 417	27.6 11 6-4 6-2	32"	7/30 Hv. 9/10	2189
P.I. 338112 BP 418	28.0 22 6-7 3-6, 3-7	34"	7/20 Hv. 9/10	2190
P.I. 338113 BP 419	19.0 30 6-6 2-4, 4-5	33"	7/29 Hv. 9/10	2191
" BP 419	25.2 21 6-4 6-2	35"	7/17 Hv. 8/20	2192

Amy
 Sed: 2.5%
 alk: 1.2%

P.I. 338114 2193	7/31 Hv. 9/10 3-4, 3-5, 4-6	19.0 44" 26 6-6	BP 420
P.I. 338115 2194	8/3 Hv. 9/10	19.0 36" 46 6-6 6-5	BP 421
P.I. 338116 2195	7/29 Hv. 9/10	15.8 36" 76 6-2 6-2	BP 422
P.I. 338117 2196	8/1 Hv. 9/10	25.2 34" 19 6-7 1-5, 2-6, 3-7	BP 423
P.I. 338118 2197	7/21 Hv. 9/10	18.6 29" 49 1-2, 1-6, 4-7 1-4, 1-5, 4-6	BP 424
P.I. 338119 2198	7/25 Hv. 8/20	18.6 31" 21 2-6, 4-7 6-6	BP 425
P.I. 338120 2199	7/20 Hv. 8/20	18.4 30" 37 2-6, 4-7 1-5, 5-6	BP 426
P.I. 338122 2200	7/30 Hv. 9/10	27.0 33" 10 6-4 6-2	BP 428

Amy
 2.070
 1.770

P.I. 338/23 BP 429	25.2 24 6-4 6-2	31"	7/21 Hv. 9/11	2201
P.I. 338/24 BP 430	25.2 15 6-7 6-7	28"	7/11 Hv. 8/20	2202
P.I. 338/25 BP 431	25.2 17 2-4, 4-5 5-3, 1-7	35"	8/19	2203
P.I. 338/26 BP 432	15.8 53 4-6, 2-7 2-4, 4-5	32"	8/5 Hv. 9/11	2204
P.I. 338/27 BP 433	28.0 18 6-7 6-7	32"	7/15 Hv. 8/20	2205
P.I. 338/28 BP 434	25.8 18 6-7 6-7	36"	8/13	2206
P.I. 338/29 BP 435	28.0 18 6-7 6-7	35"	7/30 Hv. 9/11	2207
P.I. 338/30 BP 436	25.2 19 1-2, 5-7 6-7	31"	7/30 Hv. 9/11	2208

Army
 Log - 2.02
 alk - 1.7%

P.I. 338/31 2209	7/29	18.4 33" 42 6-2 6-2	BP 437
P.I. 338/32 2210	7/28	16.4 33" 60 6-2 6-2	BP 438
P.I. 338/34 2211	8/7	26.6 32" 20 6-2 6-2	BP 440
P.I. 338/35 2212	8/16	22.0 32" 27 6-2 5-6, 1-2	BP 441
P.I. 338/36 2213	8/8	27.2 26" 13 6-2 1-6, 5-2	BP 442
P.I. 338/37 2214	8/19	25.2 32" 18 6-4 6-2	BP 443
P.I. 338/38 2215	8/13	25.4 38" 14 6-2 6-2	BP 444
P.I. 338/39 2216	8/12	27.2 34" 18 6-2 6-2	BP 445

Army
 1st - 2.0%
 alk - 1.7%

P.I. 338140 BP 446	27.2 14 1-4, 5-7 1-2, 1-3, 4-7	38"	8/16	2217
P.I. 338141 BP 447	26.6 20 6-7 1-6, 5-7	35"	8/20	2218
P.I. 338142 BP 448	27.2 13 1-2, 1-3, 4-4 6-2	36"	8/12	2219
P.I. 338143 BP 449	22.6 21 6-2 6-2	26"	7/23 Hv. 8/20	2220
P.I. 338144 BP 450	27.2 19 6-7 6-7	35"	8/14	2221
P.I. 338146 BP 452	25.2 24 6-7 6-7	34"	7/31	2222
P.I. 338147 BP 453	27.2 14 1-6, 5-7 1-6, 5-7	33"	8/3 Hv. 9/11	2223
P.I. 338148 BP 454	27.0 9 6-4 6-2	31"	8/7	2224

Amy
 2.0%
 1.7%

P.I. 338149 2225	8/14	25.8 32" 5 5-4, 1-7 3-2, 3-7	BP 455
P.I. 338150 2226	8/10	27.6 33" 6 6-7 6-7	BP 456
P.I. 338152 2227	8/14	27.2 33" 5 6-4 6-2	BP 458
P.I. 338153 2228	8/10	27.6 36" 5 6-4 6-2	BP 459
P.I. 338154 2229	8/3 Hv. 9/11	27.6 35" 10 6-4 6-2	BP 460
P.I. 338155 2230	7/30 Hv. 9/11	27.2 34" 4 6-4 6-2	BP 461
P.I. 338156 2231	8/3	25.8 35" 11 4-2, 2-3 6-2	BP 462
P.I. 338157 2232	8/6	- 34" 11 6-4 6-2	BP 463

Amy

Lead: 2.0%
 alk: 1.7%

PI 338158 BP 464	25.8 8 2-4, 4-5 6-2		8/20	2233
PI 338159 BP 465	- 4 6-4 6-2	34"	8/9	2234
PI 338160 BP 466	28.0 8 6-4 6-2	34"	8/9	2235
PI 338161 BP 467	- 13 6-4 6-2	42"		2236
PI 338162 BP 468	20.2 28 6-2 6-2	38"	8/5 Hv. 9/11	2237
PI 338163 BP 469	- 9 2-2, 3-3 6-2	32"	7/27	2238
PI 338164 BP 470	24.2 19 6-2 6-2	41"	8/22	2239
PI 338165 BP 471	20.2 17 6-2 6-2	36"	8/5 Hv. 9/11	2240

Amy
 Josh
 Ark - 2.82
 1.79

P.I. 338166
 2241

47
 17.6
 36" BP 472
 58
 6-2
 6-2
 Hy. 9/11

P.I. 338167
 2242

8/1
 21.4
 44" BP 473
 3/
 Hy. 9/11 2-2, 2-3, 2-4
 6-2

P.I. 338168
 2243

8/5
 25.2
 39" BP 474
 14
 Hy. 9/11 2-2, 4-3
 6-2

P.I. 330639
 2244

7/17
 47
 Cigalon
 Calif.

2245

7/6 "

2246

7/17 "

2247

7/5 "

2248

7/16 "

bulked 8/20

Row 2 244-48 might be a Calif variety

Row 2249 is a single-row plot,
different than the var on each side? 16

Amy
Jord - 2.070
ack - 1.770

P.I. 281759 4 Bmt 4644	20.8 29 4-6, 2-7 1-5, 5-6	31	7/2 Hv. 8/20	Cigalon 2249
P.I. 330640 Calif.	20.2 31 4-6, 2-7 1-5, 5-6	31	7/2	68-1 2250
✓	mixed at reg. 9/11	31	7/3	2251
✓	bulked 9/11	"	7/3	2252
✓	P.I. 330641 Calif.	34	7/7	68-2 2253
✓	bulked 8/20	"	7/7	2254
✓	bulked 8/20	"	7/7	2255
✓	bulked 8/20	"	7/7	2256

Amy
 Joel: 2.0%
 all: 1.7%

PI 330641
 2257

bulked 8/20

7/7

34"

68-2
 Catf.

DR 7984-93
 2258

8/2

25.2

49"

BP 575

23
 2-2, 1-4, 3-5
 6-2

DR 8003-07
 2259

7/24

25.2

43"

BP 576

16
 1-6, 5-7
 1-5, 1-6, 4-7

DR 8008-17
 2260

7/21

25.2

40"

BP 577

21
 3-6, 3-7
 3-5, 3-6

DR 8018-27
 2261

7/21

21.4

44"

BP 578

30
 6-6
 6-6

DR 8028-32
 2262

7/20

23.8

45"

BP 579

20
 5-6, 1-7
 1-5, 5-6

DR 8052-61
 2263

7/23

25.2

53"

BP 580

16
 2-3, 4-4
 6-2

DR 8071-81
 2264

7/23

23.8

48"

BP 581

26
 1-2, 2-3, 2-4, 1-5
 6-2

Amy
 lead: 20%
 ash: 1.7%

DR 8082-91 BP 582	28.0 17 1-2, 2-3, 3-4 6-2	44"	7/20	2265
DR 8119-28 BP 583	22.6 28 1-3, 5-7 4-2, 2-7	54"	7/26	2266
DR 8151-60 BP 584	27.2 13 3-3, 3-4 6-2	48"	7/30	2267
DR 8161-70 BP 585	22.6 19 1-2, 3-3, 2-4 3-2, 3-3	51"	7/31	2268
DR 8396-8405 BP 586	18.4 38 2-6, 4-7 1-4, 3-5, 2-6	50"	7/17	2269
DR 8451-60 BP 587	21.4 18 3-2, 1-6, 2-7 3-2, 3-6	50"	7/12	2270
DR 8461-70 BP 588	23.2 19 1-3, 5-7 1-2, 5-6	50"	7/26	2271
Kulu sq.	16.6 66 6-2 6-2	48"	7/18 Hv. 8/20	2272

Amy
 2.0%
 1.7%

2273	Kulu	7/18	16.6 48"	Calif.
		Hv. 8/20	63 6-2 6-2	

2274	Bluebelle	7/14		3d.
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2275	B6311 A5541-9-2-9-1-2-1	7/14		Belle Patna x Dan 2377
------	-------------------------	------	--	---------------------------

2276	-2	7/13		✓
------	----	------	--	---

2277	-3	7/13		✓
------	----	------	--	---

2278	B6311 A5541-9-2-9-1-5-1	7/14		2380
------	-------------------------	------	--	------

2279	-2	7/15		✓
------	----	------	--	---

2280	-3	7/13		✓
------	----	------	--	---

L.I.

36311A5541-9-2-9-4-3-1

2383

Belle Patna x Dawn

7/14

2281

-2

7/13

2282

-3

7/13

2283

36311A5541-9-2-19-4-4-1

2389

7/13

2284

-2

7/14

2285

-3

7/13

2286

36311A5610-7-3-9-3-1-1

429

7/11

2287

-2

7/11

2288

2289	B6311A	-3	7/12	Belle Patrice x Dan	2439
2290	A5610-7-3-10-2-2-1		7/12		2445
2291		-2	7/9		-
2292		-3	7/10		-
2293	A5610-7-3-10-2-5-1		7/10		2448
2294		-2	7/10		-
2295		-3	7/10		-
2296	A5610-7-4-12-4-3-1		7/9		2461

B6311	A5610-7.4-12.4-3-2	Belle Palna x Dawn	2297
2461		7/10	
✓	-3	7/11	2298
2486	A4406-3-3-3-1-1	7/11	2299
✓	-2	7/11	2300
✓	-3	7/14	2301
2489	A4406-3-3-3-4-1	7/15	2302
✓	-2	7/16	2303
✓	-3	7/15	2304

2305	B63.11 A4433-5-1-3-4-1	Belle Petra x Dan	2494
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2306	-2	7/13	✓
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2307	-3	7/14	✓
------	----	------	---

2308	A552P-2-2-3-5-1	7/14	2505
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2309	-2	7/14	✓
------	----	------	---

2310	-3	7/13	✓
------	----	------	---

2311	A552P-12-5-5-2-1	7/12	2512
------	------------------	------	------

2312	-2	7/15	✓
------	----	------	---

B6311A 2512	-3	Bette Patna x Dawn	7/13	2313
2518	A 5528-1-1-3-1		7/13	2314
✓	-2		7/12	2315
✓	-3		7/12	2316
2529	A 5528-1-1-5-4-1		7/12	2317
✓	-2		7/12	2318
✓	-3		7/13	2319
2533	A 5529-1-2-1-3-1		7/14	2320

B631/A5529-1-2-1-3-2
2321

Belle Patna x Dawn
7/14 2533

2322

-3

7/13

✓

Bluebelle
2323

7/18

3d.

B631/A5529-1-3-5-5-1
2324

Belle Patna x Dawn
7/15 2540

2325

-2

7/14

✓

2326

-3

7/14

✓

2327

A5529-2-4-3-3-1

7/14

2543

2328

-2

7/15

✓

B6311A 2543	-3	Bale Palma x Dawn 7/15	2329
2548	A5529-5-4-4-3-1	7/14	2330
✓	-2	7/15	2331
✓	-3	7/15	2332
2570	A5529-10-2-3-3-1	7/13	2333
✓	2	7/12	2334
✓	3	7/14	2335
2573	A5529-12-1-2-1-1	7/16	2336

B6311A
2337

-2

Belle Patna x Daw
7/16 2573

2338

-3

7/14

✓

2339

B6311A5559-1-4-5-5-1

7/14

2597

2340

-2

7/13

✓

2341

-3

7/12

✓

2342

A 5561-1-1-4-5-1

7/10

2605

2343

-2

7/11

✓

2344

-3

7/12

✓

86311 A5584-16-1-2-2-1
2629

Belle Patna x Dawn
7/15 2345

✓ -2 7/15 2346

✓ -3 7/13 2347

86311 A5584-16-2-3-2-1
2634

7/14 2348

✓ -2 7/15 2349

✓ -3 7/14 2350

Dawn
3d.

7/26 2351

86311 A5587-12-1-4-3-1
2640

Belle Patna x Dawn
7/15 2352

2353	B6311A	-2	Belle Patna x Es	2640
			7/15	
2354		-3		✓
			7/13	
2355	B6311A5587-12.5-4-1-1			2643
			7/13	
2356		-2		✓
			7/14	
2357		-3		✓
			7/14	
2358	B6311A5604-12.5-5-3-1			2733
			7/13	
2359		-2		✓
			7/11	
2360		-3		✓
			7/14	

B671A2
2771

Bluebelle / 2 x (Belle Patna x Dawn)

7/16

2361

A2-2-Mo. ~~20~~ - B11-1

✓

-2

7/17

2362

✓

-3

7/16

2363

✓

7/15

2364

✓

7/15

2365

✓

-6

7/12

2366

1/8 *

✓

7/17

2367

✓

7/16

2368

B67/A2
2369

Bluebelly/2 x Belle P. x Dam
7/15 2771

2370

7/14 ✓

Belle Patna
2371

7/10 Ed.

B67/A2-6-Mo-BK-1
2372

Bluebelly/2 x Belle P. x Dam
7/13 2775

*V8

2373

7/17 ✓

2374

7/13 ✓

2375

7/13 ✓

2376

7/12 ✓

3671A2 2775	Bluebelly/2 x (Belle P x Dawn)	7/13	2377
✓		7/12	2378
✓		7/11	2379
✓		7/13	2380
✓		7/11	2381
3671A2-16-110-BK-1 2785		7/13	2382
✓	-2	7/12	2383
✓	-3	7/15	2384

48
B671A 2-16-Mo-BK-4 Bluebelly 1/2 x Belle P x Dan
2385 7/13 2785
* 1/2

2386 7/15 ✓

2387 7/13 ✓

2388 7/13 ✓

2389 7/13 ✓

2390 7/13 ✓

2391 7/12 ✓

2392 B671A 2-25-M. Bk - 1 7/14 2794

B671A2
2794Bluebell/2x (Bill Px Dawn)
7/15

2393

~

✓

-3

7/15

2394

✓

-4

7/14

2395

*b/p

✓

-5

7/14

2396

✓

7/13

2397

✓

7/15

2398

✓

7/15

2399

✓

7/13

2400

B6 7/A2
2401

Bluebell 1/2 x (Belle Px Dawn)
7/20 2794

2402

A2-29-Mo-BK-1

7/20

2798

2403

7/23

2404

7/21

2405

7/20

2406

7/18

2407

7/21

2408

7/21

B671A2)

2798

Bluebelle/2x Belle Patna x Down)

7/20

2409

-9

7/15

2410

Vp +

7/17

2411

A2-31-Mo-B/K-1

2800

7/20

2412

7/21

2413

7/20

2414

7/20

2415

7/17

2416

2417	B671A2-31-Mo-BK-6	Bluebelle $\frac{1}{2}$ x (Belle Px Dawn)	7/17	2800
2418			7/18	-
2419			7/19	-
2420	-9		7/15	-
	* 8/18			
2421			7/18	-
2422	Belle Patna		7/11	3d.
2423	B671A2-33-Mo-BK-1	Bluebelle $\frac{1}{2}$ x (Belle Px Dawn)	7/15	2802
2424	-2		7/20	-

B671A2 2802	Bluebelle 1/2 x (Belle P x Dawn)	7/21	2425
----------------	----------------------------------	------	------

✓	- 4	7/17	2426
---	-----	------	------

7/18 *

✓		7/22	2427
---	--	------	------

✓		7/22	2428
---	--	------	------

✓		7/19	2429
---	--	------	------

✓		7/18	2430
---	--	------	------

✓		7/20	2431
---	--	------	------

✓		7/18	2432
---	--	------	------

2433	B671A2-36-Mo-B14-1	Bluebelle 2x (Belle Px Down)	7/19	2805
2434			7/16	✓
2435			7/18	✓
2436	-9		7/17	✓
2437	*2/8		7/20	✓
2438			7/18	✓
2439			7/17	✓
2440			7/17	✓

B671A2
2805

Bluehelle/2x (Belle Px Dawn)

7/18

2441

2808

A 2-39 Mo-BK-1

7/14

2442

✓

-2

7/17

2443

✓

-3

7/18

2444

pp *

✓

7/18

2445

✓

7/16

2446

✓

7/18

2447

✓

7/15

2448

B671A2 2449		Blueville/2x (Belle Px Dawn) 7/17	2808
2450		7/19	✓
2451	A2-41-Mo-B11-1	7/20	2810
2452		7/20	✓
2453		7/17	✓
2454		7/16	✓
2455	-5	7/18	✓
* 8/8			
2456		7/19	✓

B671A2
2810

Bluebelly 2x (Belle Px Dawn)
7/18

2457

✓

7/19

2458

✓

7/16

2459

2812

A2-43-170-BK-1

7/20

2460

✓

7/18

2461

-3

✓

7/18

2462

p/p *

✓

7/15

2463

✓

7/16

2464

B67/A2 2465		Bluebell/2 x B Px Dawn 7/15	2812
2466		7/16	✓
2467		7/19	✓
2468		7/15	✓
2469	A2-46-Mo-BK-1	7/19	2815
2470		7/16	✓
2471		7/18	✓
2472	- 4	7/16	✓
* p/p			

B67/A2
2815

Bluebelle/2x (BPx Dawn)

7/18

2473

"

7/17

2474

"

7/18

2475

"

7/17

2476

"

7/17

2477

"

7/14

2478

Bluebelle
Jd.

7/18

2479

B67/A2 - 48-Mo-BK-1
2817

7/13

2480

B67/A2

2481

*2/12

-2

Bluebell/2x (Belle Px Dawn

7/13

2817

2482

7/17

✓

2483

7/15

✓

2484

7/14

✓

2485

7/16

✓

2486

7/14

✓

2487

7/13

✓

2488

7/13

✓

B671A2
2817Bluebelle/2x (Bute Px Down)
7/12 2489

A2-50-Mo-BK-1

2819

7/13

2490

✓

7/14

2491

✓

7/18

2492

✓

7/18

2493

✓

7/15

2494

✓

7/12

2495

-7

✓

7/13

2496

p/10 *

Amy
lost - 2.0%
all - 1.7%

B671A2
2497

Bluebell/2x (Belle P. Dawn)

7/13

2819

2498

7/14

✓

2499

7/14

✓

Dawn
2500

bulk'd 9/11

7/24

24.8

18

2-3, 4-4 3d.

6-2

B671A2-51-Mo-BK-1
2501

7/20

2820

2502

7/22

-

2503

7/16

✓

2504

7/19

✓

B671A2 2820	Bluebelle 1/2 x (Belle Patna x Dan)	7/19	2505
✓		7/20	2506
✓	-7	7/21	2507 p/p *
✓		7/18	2508
✓		7/18	2509
✓		7/13	2510
B671A 2-54 - 110-015-1 2823		7/20	2511
✓	-2	7/19	2512

2513	B67/A2 - 3	Bluebelly/2x (Belle Px Dam)	7/19	2823
2514			7/16	✓
2515			7/16	✓
2516			7/14	✓
2517	-7		7/15	✓
* 7/8				
2518			7/14	✓
2519			7/18	✓
2520			7/19	✓

B671A2-58-10-B4-1 Bluebottle Lx (Belle Px Dawn)
2829 7/15 2521

✓

7/15

2522

✓

7/18

2523

✓

7/17

2524

✓

7/19

2525

✓

7/14

2526

✓

7/18

2527

✓

-8

7/19

2528

p/x *

ord - 2.070
ack - 1.770

B671A2
2529

Bluebelle / 2x (Belle A. Ham)
7/20 2829

2530

7/17

✓

Bluebelle
2531

7/21

23

3d.

3-2, 3-3

6-2

bulk ed: 9/11

B671A2 - 61 - Mo - B14 - 1
2532

7/20

2832

2533

7/18

✓

2534

7/18

✓

2535

7/16

✓

2536

7/19

✓

* 7/18

B671A2
2832

Bluebelly/2x (B.P. x Dawn)
7/20 2537

✓

7/20

2538

✓

7/19

2539

✓

7/19

2540

✓

7/18

2541

B671A2-71-Mo-BK-1

2842

7/21

2542

✓

-2

7/24

2543

-3

✓

7/18

2544

B67/A2 2545	-4	Bluehelle/2x Bella 7/20	Patna x (Horn) 2842
2546	-5	7/23	✓
2547	-6	7/22	✓
2548	-7	7/20	✓
2549	-8	7/19	✓
2550 * 7/18	-9	7/18	✓
2551	-10	7/22	✓
2552	A 2-72-No B/K-1	7/16	2843

B671A2 2843	-2	7/20	2553
✓		7/19	2554
✓		7/17	2555
✓		7/18	2556
✓		7/19	2557
✓		7/16	2558
✓		7/15	2559
✓	-9	7/15	2560 p/p *

B67/A2-73-Mo-BK.1 2561	Bluebelly 2x (Bella Px Dawn) 7/20	2844
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2562	7/19	✓
------	------	---

2563	7/20	✓
------	------	---

2564	7/18	✓
------	------	---

2565	7/17	✓
------	------	---

2566	-6 7/16	✓
------	------------	---

* p/p

2567	7/18	✓
------	------	---

2568	7/18	✓
------	------	---

B671A2 2844			7/19	2569
✓			7/15	2570
Belle Patna 2d.			7/10	2571
B671A2)-SO-MO-BH-1 2852)			7/14	2572
✓	- 2		7/14	2573
✓	- 3		7/12	2574
✓	- 4		7/16	2575
✓			7/15	2576

8/8 *

88
B67/A2
2577

Bluebella 1/2 x (B. P x Dawn)
7/13 2852

2578

7/13

✓

2579

7/14

✓

2580

7/13

✓

2581

7/13

✓

2582

A2-81-Mo-BK 1

7/15

2853

2583

7/17

✓

2584

-3

7/18

✓

* 8/8

B671A2 2853				7/13	2585
✓				7/15	2586
✓				7/13	2587
✓				7/18	2588
✓				7/16	2589
✓				7/14	2590
✓				7/16	2591
2855	H 2.83-Mo-BK-1			7/16	2592

B671A2
2593

-2

Bluebell 1/2 x (Bell Pr Dam)
7/14 2855

2594

-3

7/14

✓

2595

-4

7/14

✓

* r/p

2596

7/18

✓

2597

7/18

✓

2598

7/20

✓

2599

7/18

✓

2600

7/17

✓

P.I. 330469
2099

36"

Rafaello
7/12 2601

7/12

2602

7/12

2603

7/12

2604

7/12

2605

P.I. 330477
2115

43"

Parkwenz
7/25 2606

7/25

2607

7/26

2608

P.I. 330477

2609

7/24

Packweng
43" 2/15

boxed 9/11

2610

7/26

"

✓

P.I. 330478

2611

7/20

40"

Paltal
2/16

2612

7/20

"

✓

2613

7/20

"

✓

boxed 8/20

2614

7/20

"

✓

2615

7/20

"

✓

P.I. 330479

2616

7/11

Suwon 82
36" 2/17

boxed 8/20

Ind. (2621-23)
alt - 2070
1.75

P.I. 330479
2117

36"

Summ 82
7/11 2617

✓

7/11 2618

bulked 8/20

4"

7/11 2619

✓

7/11 2620

P.I. 337325
2121

26.6

58"

Adt - 3
8/11 2621

6

2-4, 4-5

6-2

✓

8/11 2622

bulked 9/11

"

8/11 2623

✓

"

8/11 2624

god: 2.020
ack: 1.7

P.I. 387325
2625

8/2

6

Adt-3

58"

2121

2-4, 4-5

6-2

P.I. 160952
2626

for K. Ryugo, U2 Cal.
8/8 30" WC. 561

2627

8/8

"

-

2628

8/7

"

-

2629

8/7

"

-

2630

8/7

"

✓

Bluebelle
2631

7/17

2d.

B671A2
2632

Bluebelle 6 1/2 x B.P. x Dam.
7/20 2866

Amy
 2.0%
 1.7%

Head Total					
6671A2 2866	Bluebelle/2 x (Belle Patna x Dawn)	3	7/21	2633	
✓			7/20	2634	
A2-96-M- 11 -B6-1 2867			7/22	2635	
✓	-2		7/20	2636	
✓	-3		7/16	2637	
✓	-4		7/20	2638	
✓	-5		7/20	2639	
✓	22.6 27 2-2, 43 6-2	6	7/20	2640	
49.6 69.8					ply * bulked 9/11

08
B671A2 -7 Bluebelle/2x (B.P.x Dawn)
2641 7/20 2867

2642 -8 7/21 ✓

2643 -9 7/24 ✓

2644 7/22 2869

2645 7/17 ✓

2646 7/16 ✓

2647 7/17 2880

2648 7/20 ✓

B671A2
2880

7/18

2649

2885

A2-112-Mo-1

7/20

2650

✓

7/18

2651

✓

7/19

2652

✓

7/17

2653

✓

7/14

2654

✓

7/13

2655

✓

-7

7/20

2656

抄 *

<i>B67/A2</i> 2657		<i>Bluebell/2x Belle</i> 7/14	<i>Px Dawn</i> 2885
2658		7/16	✓
2659		7/15	✓
2660	<i>B67/A 2-1/6-Mo-BK-1</i>	7/16	2889
2661		7/18	✓
2662		7/20	✓
2663		7/21	✓
2664		7/19	✓

B671A2 2889				7/13	2665
✓				7/13	2666
✓		-8		7/13	2667 pg *
✓				7/22	2668
✓				7/19	2669
2894	A2-121-Mo-BR	1		7/17	2670
✓			-2	7/15	2671
✓			-3	7/15	2672

B671A2 2673		Buchelle/2x Belle Px Dawn 7/20	2894
2674		7/20	✓
2675		7/18	✓
2676 * 7/8	-7	7/14	✓
2677		7/16	✓
2678		7/19	✓
Belle Patna 2679		7/12	Ed.
B671A2-126-Mo-13A-1 2680		7/13	2899

B67192

2899

-2

Bluebell/2x (Belle Px Dawn)

7/16

2681

7/8

*

✓

7/20

2682

✓

7/16

2683

✓

7/13

2684

✓

7/14

2685

✓

7/13

2686

✓

7/17

2687

✓

7/15

2688

B67/A2-146-Mo-BK-1 Bluebelle/2x (Belle Px Dan
2689 7/18 2919

2690 7/13 ✓

2691 7/18 ✓

2692 7/20 ✓

2693 7/21 ✓

2694 7/20 ✓

2695 7/17 ✓

2696 7/15 ✓

B67/A2 2919		-9		7/22	2697	P/B *
✓				7/20	2698	
2924	A2-151-M6-BK-1			7/21	2699	
✓				7/18	2700	
✓		-3		7/22	2701	P/B *
✓				7/23	2702	
✓				7/23	2703	
✓				7/25	2704	

2705	B671A2	Bluebell & Belle Pk	7/18	2924
2706			7/21	✓
2707			7/20	✓
2708			7/24	✓
2709	B671A2-154-Mo-Bk-1		7/21	2927
2710		-2	7/18	✓
2711	* 7/18	-3	7/18	✓
2712		-4	7/19	✓

B671A2 2927				7/20	2713
✓				7/21	2714
✓				7/19	2715
✓				7/20	2716
✓				7/18	2717
2930	A 2-157-M-B1-1			7/25	2718
✓		-2		7/21	2719
✓		3		7/18	2720

Amy
 Issd - 2.02
 ad - 1.790

				Head Total
B671A2 2721	-4 Bluebelle/2 x Belle	7/16	23.8	2930
* p/p bulked 9/11			25 3-2, 3-3	44.0
			6-2	65.9
2722	-5	7/24		✓
2723		7/22		✓
2724		7/23		✓
2725		7/18		✓
2726		7/21		✓
2727		7/23		✓
Belle Patna 2728		7/13		Feb.

B67/A2 -172- Mo-BK- /
2945

7/15

2729

7/17

2730

7/16

2731

7/21

2732

7/18

2733

2733 *

7/20

2734

7/14

2735

7/14

2736

667/192 2737		Bluehelle/2x (BPx Dain) 7/118 2945	
2738		7/117	✓
2739	A2-174-Mo-B/K-1	7/120	2947
2740		7/121	✓
2741		7/117	✓
2742		7/117	✓
2743		7/119	✓
2744		7/118	✓

B671A2
2947

7/19

2745

-8

7/19

2746

p *

✓

7/19

2747

Dawn
Jd.

7/23

2748

B671A2
2955

7/18

2749

✓

7/18

2750

✓

7/17

2751

✓

7/19

2752

B671A2 2753		Bluebelle/2x Belle Px Dam 7/18 2955	
2754		7/16	✓
2755		7/13	✓
2756		7/15	✓
2757		7/14	✓
2758		7/15	✓
2759	A2-182-M0-BK-1	7/17	2958
2760	2	7/18	✓

B671A2 2958	- 3	7/14	2761
✓		7/22	2762
✓		7/22	2763
✓		7/18	2764
✓		7/14	2765
✓	- 8	7/18	2766 P/P *
✓		7/16	2767
✓		7/19	2768

B67/A2
2769

Shuchelle / 2x Bella Px Dawn
7/17 2961

2770

7/13

✓

2771

7/18

✓

2772

7/14

✓

2773

7/16

✓

2774

7/15

✓

2775

7/16

✓

2776

7/11

✓

B671A2
2961

7/13

2777

✓

7/14

2778

Blueholle
3d.

7/18

2779

B671A2-192-Mo-BK-1
2968

7/13

2780

✓

7/13

2781

✓

7/14

2782

✓

7/13

2783

✓

7/13

2784

B67/A2 2785 * 7/14	-5	Bluebelle 1/2 x Belle Patna x 1/2 7/14	2968
2786		7/16	✓
2787		7/17	✓
2788	A 2-209-Mo-BK-1	7/19	2983
2789		7/14	✓
2790		7/15	✓
2791		7/15	✓
2792		7/14	✓

B671A2 2983			7/18	2793
✓			7/12	2794
✓			7/17	2795
✓	-9		7/12	2796 7/18 *
✓			7/16	2797
B651A1-8-1-1-1 3001			Bluebelle x Dawn 7/17	2798
✓	-2		7/18	2799
✓	-3		7/17	2800

Complete

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

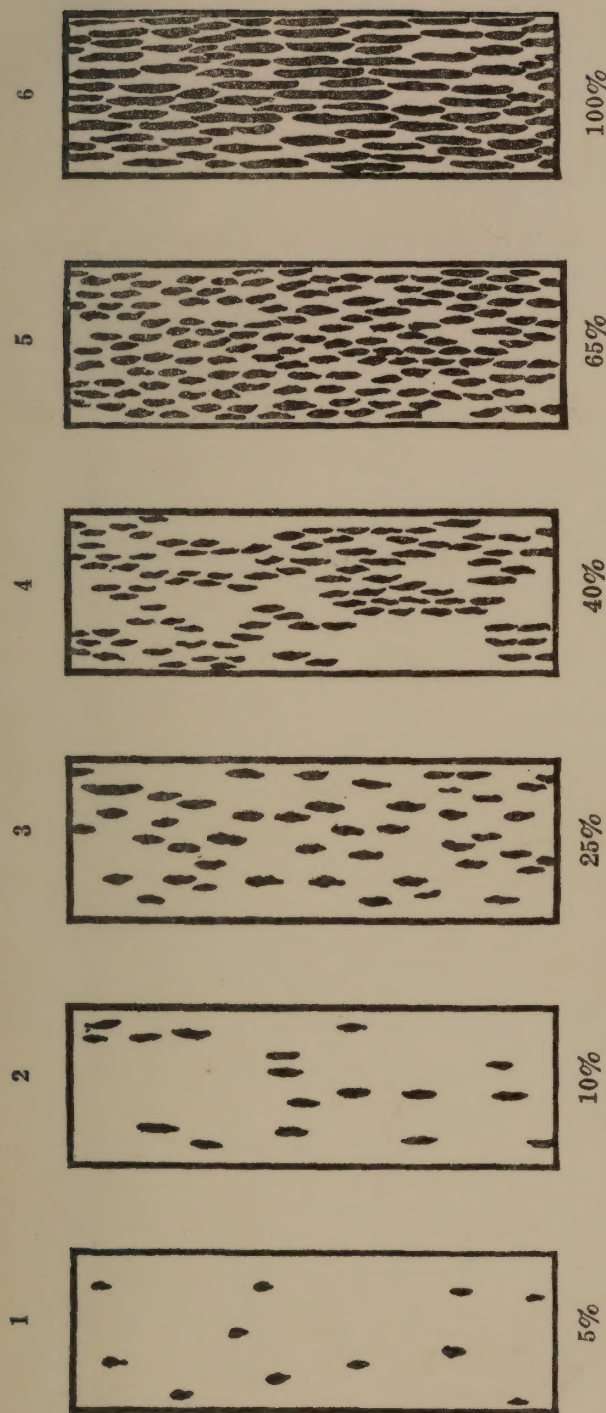


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

2801	B651A1- ²⁴ 4-2- 0 ¹	7/15	Bluebelly x Dams	3029
2802	-02	7/16		✓
2803	-3	7/16		✓
2804	A1-50-1-3-1	7/23		3070
2805	-2	7/19		✓
2806	-3	7/19		✓
2807	A1-50-2-1-1	7/23		3073
2808	-2	7/25		✓

* p/p

365/A1-50-2-1-3
3073

7/22

2809

3091

A1-90-3-2-1

7/17

2810

✓

-2

7/15

2811

✓

-3

7/16

2812

3095

A1-90-4-1-1

7/22

2813

✓

-2

7/19

2814

✓

-3

7/19

2815

3104

A1-100-1-4-1

7/16

2816

2817	365/A1-100 ⁻¹⁻ 4-2	7/13	Bluebell x Daws 3/04
2818	-3	7/16	✓
2819	2	7/16	3/24
2820		7/13	✓
2821		7/13	✓
2822		7/18	3/30
2823		7/22	✓
2824		7/20	✓

Bluehelle 3d.			7/22	2825
B665A1-5-4-1-1 3/37			Dawn x Bluehelle 7/19	2826
✓	-2		7/21	2827 Bp *
✓	-3		7/24	2828
3/40	A1-5-4-4-1		7/17	2829
✓	-2		7/17	2830
✓	-3		7/20	2831 Bp *
3/54			7/23	2832

3665A1 2833		Dawn x Bluebelle 7/25	3/54
2834		7/24	✓
2835		7/21	3/58
2836		7/22	✓
2837		7/28	✓
2838	A1-43-5-3-1	7/19	3/61
2839	-2	7/18	✓
2840	-3	7/19	✓
* 10/8			

B665A1
3182

Darwin Bluebell
7/19 2841

✓

7/24

2842

✓

7/23

2843

B665A1-31-BL-9-8-1
3191

7/23

2844

P/P *

✓

-2

7/22

2845

✓

-3

7/23

2846

B665A1-43-BL-4
3199

7/18

2847

✓

7/19

2848

B665A1-43-Bk-4

2849

Dawn x Bluebell

7/18

3199

B665A1-43-Bk-8-6-1

2850

7/18

3219

2851

- 2

7/18

✓

* p/8

2852

- 3

7/18

✓

2853

7/17

3223

2854

7/16

✓

2855

7/16

✓

B665A1-49-Bk-11

2856

7/21

3253

B665A1-49-Bk-11

3253

7/21

2857

✓

7/23

2858

B665A1-49-Bk-13-2-1

3257

7/22

2859

-2

✓

7/21

2860

-3

✓

7/19

2861

p4 *

B665A1-9

3268

7/22

2862

✓

7/21

2863

✓

7/18

2864

2865	B665A1-9-Bk ₂ -4-1 * 7/17	7/17	Dawn x Bluebell 3269
2866	- 2	7/18	✓
2867	- 3	7/17	✓
2868	B665A1-33	7/22	3290
2869		7/22	✓
2870		7/21	✓
2871		7/21	3291
2872		7/21	✓

B665A1-33
3291

Dawn x Bluebelle
7/23 2873

Belle Patna
3d.

7/13 2874

B6612A1
3302

Bluebelle/2 x Dawn
7/19 2875

✓

7/17 2876

✓

7/17 2877

A1-5-1-5-1
3305

7/13 2878

✓

-2

7/18 2879

✓

-3

7/13 2880

8/8 *

B66/2A1 2881	7/20	Bluebell 1/2 x Dawn 3315
-----------------	------	-----------------------------

2882	7/20	✓
------	------	---

2883	7/18	✓
------	------	---

2884	7/14	3330
------	------	------

2885	7/13	✓
------	------	---

2886	7/14	✓
------	------	---

2887	7/18	3335
------	------	------

2888	7/19	✓
------	------	---

B661201 3335		7/19	2889
3338		7/13	2890
✓		7/15	2891
✓		7/15	2892
3342		7/15	2893
✓		7/13	2894
✓		7/13	2895
3349		7/17	2896

B6612A1 2897		7/18	Bluebell 1/2 x Baron 3349
2898		7/21	✓
2899	A1-71-5-5-1	7/15	3353
2900	-2	7/18	✓
2901	-3	7/23	✓
B6612A2 2902		7/20	3360
2903		7/21	✓
2904		7/20	✓

36612A2-9-1-4-1 3362			7/14	2905 12/8*
✓		-2	7/19	2906
✓		-3	7/18	2907
3367	A2-9-2-4-1		7/20	2908
✓		-2	7/18	2909
✓		-3	7/20	2910 12/8*
3369	A2-9-3-1-1		7/17	2911
✓		-2	7/22	2912

Amy
Tadine
ALK-2.0%
1.7%

			Head Total
B66/292-9-3-1-3	Bluebelly/2 x		Dawn
2913	7/20	23.4 14.0	3369
* p/p bulked 9/11		1-2, 5-3 6-2	38.2 69.3
2914	7/21		3373
2915	7/20		✓
2916	7/21		✓
2917	A 2-9-5-1-1 7/19		3374
* p/p			
2918	- 2 7/25		✓
2919	- 3 7/20		✓
2920	A 2-9-5-5-1 7/15		3378

B6612A2 - 9-5-5-2 3378		7/14	2921	pg *
✓	-3	7/21	2922	
3380		7/20	2923	
✓		7/19	2924	
✓		7/19	2925	
Bulle Patna Jd.		7/12	2926	
B6612A2 3382		7/21	2927	
✓		7/21	2928	

Amy
 6-2-2020
 1.7%

			Head/ Total
B6612A2 2929		Bluebell 1/2 x Dawn 7/19	3382
2930	A2-25-3-2-1	7/17	3385
2931	- 2	7/17	✓
* 1/8 2932	- 3	7/21	✓
2933	A2-25-3-6-1	7/22	3388
2934	A2-25-3-6-2	7/21	✓
2935	- 3	7/21 23.4 16.0	✓
* 1/8 boxed 9/11 2936		4-2, 2-3 6- 7/20	41.8/ 69.6 3392

36612A2 3392			7/21	2937
✓			7/22	2938
3398			7/15	2939
✓			7/14	2940
✓			7/15	2941
3399	A2-53-1-1-1		7/22	2942
✓		-2	7/21	2943
✓		-3	7/18	2944

2945	B6612A2-53-4-3-1	Bluebelle/2 x Dawn	7/21	3406
2946	-2		7/22	✓
2947	-3		7/23	✓
	* 7/18			
2948			7/17	3415
2949			7/17	✓
2950			7/16	✓
2951	A2-62-3-3-1		7/25	3421
	* 7/18			
2952	-2		7/26	✓

B6612A2
3421

7/26

2953

3430

7/17

2954

✓

7/15

2955

✓

7/17

2956

B6612A3-3-4-5-1
3445

7/14

2957

✓

-2

7/13

2958

p/s *

✓

-3

7/14

2959

3450

7/14

2960

<i>B66/2A3</i> 2961	<i>Bluehills/2x Darn</i> 7/13 3450
2962	7/18 ✓
2963	7/25 3453
2964	7/23 ✓
2965	7/21 ✓
<i>B66/2A29-Bk-3</i> 2966	7/19 3492
2967	7/21 ✓
2968	7/25 ✓

B6612A2-9-Bk-6-9-1 3506		7/19	2969
✓	-2	7/18	2970 p/p *
✓	-3	7/17	2971
B6612A2-9-Bk-12-4-1 3511		7/24	2972
✓	-2	7/24	2973
✓	-3	7/23	2974 p/p *
S. Luchelle 35		7/19	2975
B6612A2-9-Bk-12 3524		7/17	2976

B66/2A2-9-Bk-12 2977		7/18	Bluebelly 2 x Dawn 3524
2978		7/19	✓
B66/2A2-45-Bk-15-4-1 2979		7/19	3531
2980 * p/p	-2	7/18	✓
2981	-3	7/20	✓
B66/2A2-45-Bk-18-8-1 2982		7/20	3545
2983 * p/p	-2	7/20	✓
2984	-3	7/18	✓

B6612A3-1-Bk-3
3560

7/15

2985

✓
7/17

2986

✓
7/17

2987

B6612A3-1-Bk-12
3562

7/14

2988

✓
7/14

2989

✓
7/13

2990

B6612A3-1-Bk-15
3577

7/14

2991

✓
7/13

2992

81
B6612A3-1-Bk-15
2993 Bluebelly/2x Row
7/15 3577

B6612A3-1-Bk-19
2994 7/14 3587

2995 7/12 ✓

2996 7/13 ✓

B6612A3-1-Bk-20-1-1
2997 7/17 3591

2998 7/19 ✓

2999 7/17 ✓

3000 A3-1-Bk-20-6-1
7/15 3596

* p/p

B6612A3-1-Bk-20-6-2 3596		7/19	3001
✓	-3	7/19	3002
B6612A3-4-Bk-5 3605		7/20	3003
✓		7/21	3004
✓		7/16	3005
B6612A3-4-Bk-11 3614		7/20	3006
✓		7/16	3007
✓		7/20	3008

B66/2A3-4-Bk-11
3009

Bluebell/2 x Dawn
7/17 3620

3010

7/16

✓

3011

7/14

✓

B66/2A3-4-Bk-14-4-1
3012

7/15

3624

3013

-2

7/21

✓

*8/8

3014

-3

7/17

✓

B66/2A3-4-Bk-23
3015

7/14

3634

3016

7/13

✓

B6612A3-4-Bk-23 3634	7/14	3017
B6612A3-10-Bk-1 3644	7/19	3018
✓	7/19	3019
✓	7/19	3020
3651	7/15	3021
✓	7/22	3022
✓	7/22	3023
B6612A3-10-Bk-2-8-1 3660	7/25	3024

3025	B6612A3-10-Bk-2-S-2	7/22	Bluebell x Dan	3660
3026	-3 * y/p	7/24		✓
3027	Bluebell	7/22		3d.
3028	B6612A3-10-Bk-2	7/22		3662
3029		7/19		✓
3030		7/18		✓
3031	B6612A3-10-Bk-5	7/18		3667
3032		7/20		✓

B6612A3-10-Bk-5 3667		7/21	3033
B6612A1-62 3677		7/28	3034
✓		7/21	3035
✓		7/25	3036
B6612A2-45-Rk-2-1 3679		7/19	3037
✓	-2	7/19	3038
✓	-3	7/21	3039
B6612A2-58-Rk-2-1 3686		7/20	3040

B6612A2-58-Bk-2-2

3041

*p/p

Bluebell/2 x Dawn
7/19 3686

-3

3042

7/22

✓

B6612A3-1-Bk-3-1

3043

7/17

3692

-2

3044

7/19

✓

-3

3045

7/15

✓

*p/p

B6612A3-4

3046

7/17

3699

3047

7/20

✓

3048

7/21

✓

3661A1-19-1-5-1 Bluebelle x (Butte P x Dawn)
 3705 7/19 3049

✓ - 2 7/19 3050

✓ - 3 7/21 3051
 P/P *

3710 171-19-4-5-1 7/23 3052

✓ - 2 7/20 3053
 P/P *

✓ - 3 7/19 3054

3719 7/18 3055

✓ 7/17 3056

B661A1
3057

Bluebelle x (Belle Patna x Dan)
7/18 3719

3058

7/19

3721

3059

7/17

✓

3060

7/18

✓

B661A2
3061

7/18

3741

3062

7/22

✓

3063

7/25

✓

3064 A2-50-4-5-1

7/18

3750

B661A2-50-4-5-2 3750			7/16	3065
✓		-3	7/18	3066 p/b *
3756	A2-56-4-3-1		7/17	3067
✓		-2	7/20	3068
✓		-3	7/15	3069 p/b *
B661A1-A-Bk-1 3776			7/20	3070
✓			7/19	3071
✓			7/25	3072

3073 B66/A1-19-Bk-8

Bluebelle x (Belle P x Dawn)
7/18 3787

3074

7/18

✓

3075

7/20

✓

3076 Belle Patna

7/13

2h.

3077 B66/A1-29-Bk-22

7/14

3796

3078

7/13

✓

3079

7/15

✓

3080

7/13

3801

* 7/18

B661A1-29-Bk-22

3801

7/15

3081

✓

7/14

3082

B661A1-28-Bk-2-7-1

3820

7/22

3083

✓

-2

7/14

3084

✓

-3

7/17

3085

P/p *

B661A1-28-Bk-11

3824

7/20

3086

✓

7/21

3087

✓

7/19

3088

3089

B66/A1-28-Bk-22

Bluebell x (Belle P x Dam)

7/16

3850

3090

7/17

✓

3091

7/17

✓

3092

B66/A1-28-Bk-14

7/14

3839

3093

7/20

✓

3094

7/15

✓

3095

B66/A1-28-Bk-22-9-1

7/17

3854

3096

-2

7/15

✓

B 661A1-28-~~21~~-22-9-3

3854

7/20

3097

3857

A1-30-~~11~~-3-2-1

7/21

3098

-2 -~~6~~

7/19

3099

JP *

-3

7/16

3100

3862

A1-30-~~11~~-3-7-1

7/21

3101

-2

7/23

3102

-3

7/24

3103

3881

7/22

3104

3105	B66/A1-33-Bk-4	Bluebird x (B.P. 1 Dam)	7/18	3881
3106			7/20	✓
3107	B66/A2-11-Bk-1		7/21	3934
3108			7/22	✓
3109			7/20	✓
3110	B66/A2-15-Bk-7-3-1		7/15	3940
3111	-2		7/14	✓
3112	-3		7/19	✓

* 7/8

✓	B66/A2-15-BB-13 3957	7/23	3113
✓		7/23	3114
✓		7/22	3115
	B66/A2-15-BB-16 3962	7/22	3116
✓		7/23	3117
✓		7/23	3118
	B66/A2-30-BB-6 3987	7/20	3119
✓		7/18	3120

B66/A2-30-Bk-6 3121	Bluebell x Belle Patna x Nan	7/19	3987
B66/A2-42-Bk-4 3122		7/23	4032
3123		7/22	✓
3124		7/23	✓
Belle Patna 3125		7/12	3d.
B66/A2-42-Bk-11-4.1 3126		7/19	4036
* 7/19			
3127	-2	7/22	✓
3128	-3	7/22	✓

B661A2-42-Bk-11-7-1 4039		7/19	3129
✓	-2	7/19	3130
✓	-3	7/18	3131 P/P *
B661A2-42-Bk-12 4051		7/21	3132
✓		7/22	3133
✓		7/21	3134
B661A2-50-Bk-2 4056		7/20	3135
✓		7/19	3136

B661A2-50-Bk-2

3137

Bluebell x (Blue Petal x Dam)

7/20

4056

3138

7/20

4061

3139

7/21

✓

3140

7/21

✓

B661A2-50-Bk-6-7-1

3141

7/19

4069

* R/p

3142

- 2

7/18

✓

3143

- 3

7/21

✓

B661A2-50-Bk-2

3144

7/19

4079

✓	B66/A2- ⁵⁰ 66 -Bk-2 4079		7/18	3145
✓			7/20	3146
	B66/A2-66-Bk-2 4097		7/15	3147
✓			7/20	3148
✓			7/17	3149
	A2-66-Bk-2-8-1 4102		7/16	3150 p/p *
✓		-2	7/17	3151
✓		-3	7/18	3152

Amg
 2.0%
 1.7%

3153	Dawn bulked 9/11	7/23	23.8 18.0	3d.
3154	Starbonnet bulked 9/11	8/1	3-2, 3-3 6-2 22.6 23.0	VYN 52
3155	Bluebonnet 50 bulked 9/11		1-2, 5-3 6-2 22.6 16.5	VYN 44
3156	B66/A2-66-Bk-3	Bluebelle x (Belle Patre x Dawn) 7/14	4-3, 2-4 6-2	4/12
3157		7/17		✓
3158		7/15		✓
3159	B66/A2-66-Bk-5-1-1	7/17		4/15
3160	- 2	7/16		✓

0661A2-66-Bk-5-1-3 4115	7/15	3161	VP *
4123	7/18	3162	
✓	7/20	3163	
✓	7/20	3164	
0661A2-66-Bk-11 4127	7/14	3165	
✓	7/18	3166	
✓	7/18	3167	
0661A2-66-Bk-15 4141	7/19	3168	

B66/A2-66-Bk-15 3169		Bluebell x Belle Patina x Daisy 7/19		4/41
3170		7/17		✓
B66/A1-28-Bk-2-1 3171		7/18		4/64
3172 * 1/18	-2	7/21		✓
3173	-3	7/22		✓
3174		7/22		4/66
3175		7/18		✓
3176		7/19		✓

B661A1-30 4170		7/19	3177
✓		7/18	3178
✓		7/19	3179
Blue hills Jal		7/13	3180
B661A1-33 4176		7/16	3181
✓		7/17	3182
✓		7/18	3183
B661A2-11 4181		7/19	3184

3185	B66/A2-11	Bluebelly x (Belle P. x Dawn)	7/19	4/81
3186			7/20	✓
3187	B66/A2-30		7/21	4/91
3188			7/19	✓
3189			7/20	✓
3190	B66/A2-35		7/13	4/96
3191			7/13	✓
3192			7/13	✓

Amy
J. L. 2.0 to
and 1.7 to

25

3661A2-50 4206			7/25	3193
✓			7/22	3194
✓			7/20	3195
3661A2-66-Bb-5-1 4212			7/14	3196
✓	-2		7/18	3197
✓	-3		7/19	3198 p/g *
B6311A5584-5-8 42103	22.6 16.0 2-2, 2-3, 2-4 6-2	Belle Patina x Dawn	7/16	3199 bulked 9/11
42116			7/16	3200

3201	366241-13-3-2-1	Bluebelle x (Blue P x Dark)	7/22	4215
3202	-2		7/24	✓
3203	-3		7/26	✓
3204			7/23	4237
3205			7/23	✓
3206			7/21	✓
3207			7/20	4245
3208			7/18	✓

B662A1 4245		7/22	3209
4250		7/22	3210
✓		7/23	3211
✓		7/22	3212
B662A2 4251		7/21	3213
✓		7/17	3214
✓		7/20	3215
A2-18-3-1-1 4261		7/20	3216 p/p *

366242
3217

Bluebell x Belle Latua x Dan
7/20 4261

3218

7/16

✓

366241-18-Bk-40
3219

7/14

4278

3220

7/13

✓

3221

7/14

✓

366241-20-Bk-12
3222

7/15

4296

3223

7/16

✓

3224

7/18

✓

Q. m. Patua Jd.			7/13	3225
3662A1-24-Bh-4 4305			7/19	3226
✓			7/21	3227
✓			7/21	3228
3662A1-24-Bh-8-5-1 4317			7/21	3229
✓	- 2		7/20	3230 p4 *
✓	- 3		7/20	3231
3662A1-24-Bh-14-8-1 4330			7/20	3232

B662A1-24-Bk-14-8-2 3233		Bluebelle x Belle Patna x Dawn 7/22	4330
3234	-3	7/23	✓
* p/p B662A1-55-Bk-2 3235		7/24	4338
3236		7/22	✓
3237		7/24	✓
3238		7/25	4342
3239		7/23	✓
3240		7/23	✓

✓ 3662A1-55-Bk-10
4346

7/21

3241

✓ 7/21

3242

✓ 7/22

3243

✓ 3662A2-18-Bk-8
4370

7/19

3244

✓ 7/18

3245

✓ 7/17

3246

✓ 3662A2-18-Bk-3
4378

7/20

3247

✓ 7/21

3248

B662A2-18-Bk-3 3249		Bluebelle x (Belle Patne x Dawn 7/21	4378
B662A2-18-Bk-3 3250		7/18	4386
3251		7/18	✓
3252		7/19	✓
B662A2-18-Bk-11-1-1 3253		7/20	4396
3254	-2	7/20	✓
3255	-3	7/18	✓
* 8/8 B662A2-18-Bk-11 3256		7/18	4401

B662A2-18-B2-11 4401	✓	7/20	3257
✓	✓	7/20	3258
B662A1-18 4408	✓	7/20	3259
✓	✓	7/19	3260
✓	✓	7/19	3261
B662A1-55 4415	✓	7/24	3262
✓	✓	7/25	3263
✓	✓	7/26	3264

B662A2-18-Bk-5-1

3265

* plp

Bluebelle x (Belle P. x Dawn)

7/23

4425

3266

-2

7/23

✓

3267

-3

7/25

✓

Belle Patna

3268

7/13

3d

B669A1

3269

Bluebelle x (B.P. x D.)

7/21

4431

3270

7/21

✓

3271

7/17

✓

B669A1-13-Bk-2

3272

7/23

4440

B669A-13-Bk-2 4440			7/24	3273
✓			7/23	3274
4445			7/24	3275
-			7/25	3276
✓			7/24	3277
B669A-13-Bk-2-1 4450			7/19	3278
-	-2		7/15	3279
✓	-3		7/19	3280

p/p *

3281	B66/6A1	Bluebell x (Belle P. Nam)	7/22	4458
3282			7/23	✓
3283			7/23	✓
3284			7/23	4461
3285			7/21	✓
3286			7/24	✓
3287			7/25	4465
3288			7/25	✓

36616A1 4465			7/24	3289
4471			7/18	3290
✓			7/22	3291
✓			7/13	3292
36616A2-4-3-5-1 4481			7/12	3293
✓	-2		7/13	3294
✓	-3		7/12	3295
✓	-4		7/13	3296

18
3297 B6616A2-4-3-5-5 Bluebella x Belle Patrice x Warm 4481
7/14

3298 -6 7/16 ✓
* 7/16

3299 -7 7/16 ✓

3300 -8 7/14 ✓

3301 -9 7/13 ✓

3302 -10 7/12 ✓

3303 A 2-13-3-4-1 7/17 4495

3304 -2 7/16 ✓

96616A2-13-3-4-3
4495

7/19

3305

-4

7/15

3306

-5

7/11

3307

-6

7/16

3308

7/18 *

-7

7/14

3309

-8

7/16

3310

-9

7/16

3311

-10

7/17

3312

3313	B6616A2-17-4-1-1	Bluebelle X (Belle Patna x Daisy)	7/17	4502
3314	-2		7/17	✓
3315	-3		7/15	✓
3316	-4		7/14	✓
3317	-5		7/17	✓
3318	-6		7/15	✓
* p/p				
3319	-7		7/14	✓
3320	-8		7/15	✓

B66/6A2 4502			7/15	3321
✓			7/16	3322
Bluehill 32.			7/21	3323
B66/6A2-17-4-5-1 4506			7/15	3324
✓	-2		7/17	3325 p/p *
✓	-3		7/16	3326
✓	-4		7/18	3327
✓	-5		7/17	3328

B6616A2
3329

Bluebelle x (Belle P. Darm)
7/15 4506

3330

7/15

✓

3331

7/15

✓

3332

7/15

✓

3333

7/16

✓

3334

7/23

4511

3335

A2-18-2-5-1

7/21

✓

* 8/2

3336

-2

7/20

✓

AMY
 2.0%
 1.7%

34

Head Total					
B66/6A 45/1	2-18-2+5-3			7/20	3337
✓				7/21	3338
✓				7/17	3339
✓	23.8 18.5	-6		7/20	3340
42.2 69.6	1-34-4, 1-5 6-2				bulked 9/11
✓				7/20	3341
✓				7/24	3342
45/4	A2-23-1-3-1			7/18	3343
✓				7/16	3344

3345	B66/6A2-2343-2	Bluebelle x (Belle P x Damm)	7/16	4514
3346			7/15	✓
3347			7/17	✓
3348			7/17	✓
3349	- 6		7/16	✓
* 8/8				
3350			7/16	✓
3351			7/16	✓
3352			7/18	✓

36616A2

4531

7/21

3353

✓

7/19

3354

✓

7/20

3355

4532

A2-38-1-1-1

7/18

3356

- 2

✓

7/20

3357

p/p *

- 3

✓

7/19

3358

36616A3-18-4-5-1

4551

7/17

3359

- 2

✓

7/15

3360

3361	B66/6A3-18-4-5-3	Bluebelly x Belle P x Damm	7/17	4551
3362			7/18	✓
3363			7/17	✓
3364			7/17	✓
3365			7/17	✓
3366	-8		7/17	✓
3367	* p/8		7/20	✓
3368	A3-26-1-1-1		7/16	4555

B66/6A3-26-1-1-2 4555			7/14	3369
✓	-3		7/14	3370 p/p *
✓			7/12	3371
✓			7/13	3372
✓			7/14	3373
✓			7/13	3374
✓			7/15	3375
✓			7/14	3376

B6616A3
3377

Bluehille x Belle Patna x Dam
7/15 4555

Bluehille
3378

7/19 Ed.

B6616A3-26-5-3-1
3379

7/13 4562

3380

7/14 ✓

3381

7/13 ✓

3382

7/18 ✓

3383

7/17 ✓

3384

-6 7/16 ✓

* 1/8

36616A3 4562			7/13	3385
✓			7/13	3386
✓			7/15	3387
✓			7/18	3388
4566	A3-27-4-2-1		7/17	3389
✓		-2	7/13	3390
✓		-3	7/17	3391
✓		-4	7/15	3392

B66/6A3-27-4-2-5

3393

Bluebell x Bull Pt Dam)

7/18

4566

3394

7/20

✓

3395

7/20

✓

3396

7/19

✓

3397

-9

7/21

✓

* B/P

3398

7/21

✓

B66/6A4-19-3-1-1

3399

7/15

4590

3400

7/14

✓

B6616A4-19-3-1-3
4590

7/19

3401

P/P *

7/21

3402

7/22

3403

7/18

3404

7/16

3405

7/18

3406

7/16

3407

7/16

3408

3409	B66/6A4-22-1-2-1	Bluebelle x Belle Px Dawn)	7/19	4596
3410			7/19	✓
3411			7/18	✓
3412			7/18	✓
3413			7/19	✓
3414	-6		7/19	✓
	* 8/8			
3415			7/18	✓
3416			7/17	✓

B6616A4
4596

7/17

3417

✓

7/16

3418

A4-22-3-5-1

4604

7/18

3419

✓

7/19

3420

✓

7/19

3421

✓

7/18

3422

✓

7/20

3423

✓

7/18

3424

3425	B66/6A4-22-3-5-7 * p/p	Bluebelle x Belle 7/20	P x Damp 4604
3426	- J	7/18	✓
3427		7/20	✓
3428		7/20	✓
3429	Belle Patna	7/14	3d.
3430	B66/6A4-22-5-2-1	7/18	4606
3431		7/18	✓
3432		7/18	✓

B66/6A4 - 22-5-2-4
4606

7/20

3433

✓

7/17

3434

✓

7/18

3435

✓

7/16

3436

-8

✓

7/16

3437

p/p *

✓

7/17

3438

A4-22-5-4-1

4608

7/18

3439

-2

✓

7/17

3440

3441 B66/6A4-22-5-4-3 Bluebelly x (Bella P x Dawn)
7/20 4608

3442

7/20

✓

3443

7/20

✓

3444

7/18

✓

3445

7/19

✓

3446

-8

7/21

✓

* 8/8

3447

7/19

✓

3448

7/20

✓

Daron sd.	7/26	3449
Starbonnet UYN 52		3450
8661694 4611	7/18	3451
✓	7/20	3452
✓	7/20	3453
✓	7/20	3454
✓	7/19	3455
✓	7/18	3456

B6616A4 3457		Bluebella x Belle Patna x Dan 7/18	4611
3458		7/19	✓
3459		7/21	✓
3460		7/20	✓
3461	A4-34-4-2-1	7/20	4616
3462		7/22	✓
3463		7/22	✓
3464		7/21	✓

B6616A4-34-4-2-5
4616

7/21

3465

✓

7/20

3466

✓

-7

7/22

3467

p/p *

✓

7/21

3468

✓

7/21

3469

✓

7/20

3470

B6616A2-23-Bk-6
4640

7/12

3471

✓

7/12

3472

B6616A4 3473		Bluebelle x Belle Patna x Dan 7/12	4640	
3474		7/13	✓	
3475		7/12	✓	
3476		7/12	✓	
3477		7/12	✓	
3478		7/11	✓	
3479		7/11	✓	
Belle Patna 3480		7/12	✓	

36616A2-38-Bk-1-2-1

3643

7/14

3481

-2

7/20

3482

7/22

3483

7/20

3484

7/14

3485

7/14

3486

7/14

3487

7/16

3488

3489 B66692-38-Ek-1-21 Bunchella x Belle x Daisy
3489 3445

3490 12-38-Ek-5-4/ 3495

3491 3495

3492 3495

3493 3495

3494 3495

3495 3495

3496 3495

B6616A2-38A-1-4-8
4648

7/17

3497

-9

7/18

3498

p/q *

7/16

3499

U4/N 103

Belle Patna x Dawson
7/14

3500

B6616A2-38A-1-9-1
4650

7/17

3501

7/18

3502

7/20

3503

7/20

3504

B6616A2-38-BK-1-9-5 3505	Bluebelly x (Belle P x Dawn 7/15 4650
3506	7/14 ✓
3507	7/14 ✓
3508	7/15 ✓
3509 *g/p -9	7/15 ✓
B6616A2-38-BK-3-2-1 3510	7/19 4653
3511	7/17 ✓
3512	7/19 ✓

Amg
 lost 2.0%
 out 1.7%

Head Total					
✓ B6616A2-38-Bk-3-2-4 4653				7/19	3513
✓ 22.6 17.5		-5		7/18	3514
31.0 68.4	2-34-4 6-2				P/P * bulked 9/11
✓				7/17	3515
✓				7/16	3516
✓				7/17	3517
✓				7/14	3518
✓				7/17	3519
4658	A2-38-Bk-3-7-1			7/15	3520

3521	B66/6A2-38-Bk-3-7-2	Bluebelle x (Belle P. x Darn)	7/15	3658
3522			7/19	✓
3523			7/17	✓
3524			7/18	✓
3525			7/14	✓
3526			7/15	✓
3527		-8	7/20	✓
3528			7/18	✓

B6616A2-38-Bk-3
4658

7/15

3529

Blueville
Jd

7/20

3530

B6616A2-38-Bk-7-4-1
4665

7/17

3531

-2

✓

7/17

3532

8/8 *

✓

7/20

3533

✓

7/17

3534

✓

7/18

3535

✓

7/17

3536

3537	B6616A2-38-Bk-7	Blueville x Belle Tx Dam	7/17	4665
3538			7/18	✓
3539			7/17	✓
3540	B6616A2-38-Bk-11-3-1		7/18	4676
3541			7/18	✓
3542			7/18	✓
3543			7/18	✓
3544			7/18	✓

86616A2-38-AK-11-3-6
4676

7/18

3545

P/P *

7/19

3546

7/19

3547

7/20

3548

7/20

3549

A 2-38-AK-11-8-1

4681

7/20

3550

7/21

3551

7/21

3552

3553	B66/6A2-38-Bk-11-8-4	Quichelle x (Belle P x Dan	7/20	4681
3554			7/21	✓
3555			7/20	✓
3556			7/19	✓
3557			7/22	✓
3558	-9		7/21	✓
3559	x 2/2		7/19	✓
3560			7/17	4686

86616A2-38-Bk-14-3-2
4686

7/19

3561

✓

7/20

3562

✓

7/22

3563

✓

7/17

3564

✓

7/18

3565

✓

7/15

3566

- 2

✓

7/14

3567

P10 *

✓

7/17

3568

B6616A2-38-Bk-14

3569

Bluehelle x (Belle Patna x Da

7/16

4686

Bluehelle

3570

7/21

3d.

B6616A2-38-Bk-14-J-1

3571

7/17

4691

3572

7/18

✓

3573

7/14

✓

3574

7/14

✓

3575

7/17

✓

3576

7/17

✓

Q6616A2-38-Bk-14-8-7

4691

7/14

3577

✓

7/15

3578

✓

7/14

3579

✓

-10

7/13

3580

B/10 *

Q6616A2-38-Bk-16-3-1

4696

7/17

3581

✓

7/18

3582

✓

7/21

3583

✓

7/20

3584

B6616A2-38-BK-16-3-5

3585

Bluebell x Belle P x Dawn

7/18

4696

3586

7/18

✓

3587

7/17

✓

3588

8

7/20

✓

* 1/10

3589

7/20

✓

3590

7/17

✓

B6616A2-38-BK-17-3-1

3591

7/18

4708

3592

7/17

✓

36616A2-38-B6-17-3-3
4706

7/17

3593

7/19

3594

7/18

3595

7/20

3596

-7

7/19

3597

P/P *

7/21

3598

7/20

3599

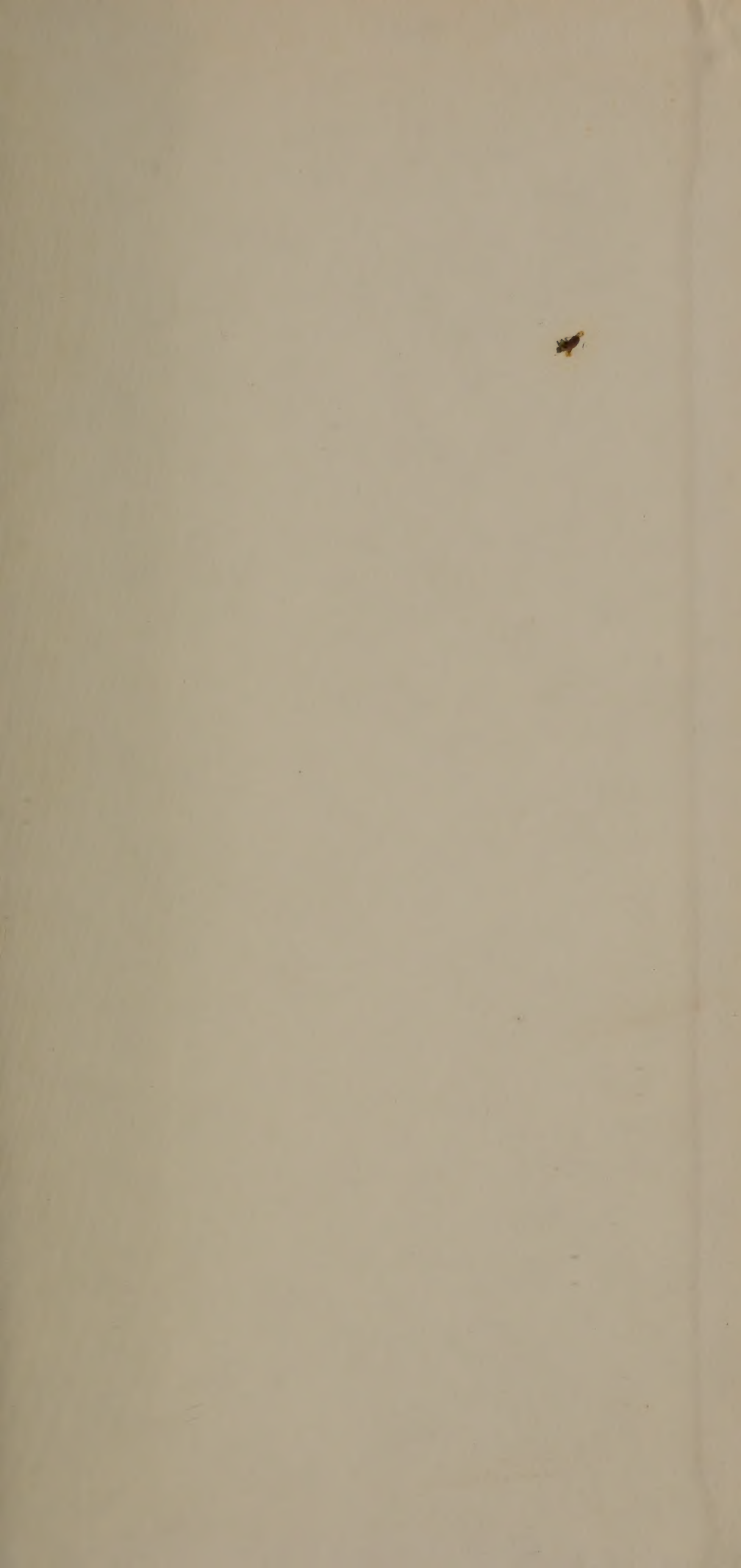
A2-38-B6-17-6-1

4709

7/17

3600





Complete

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

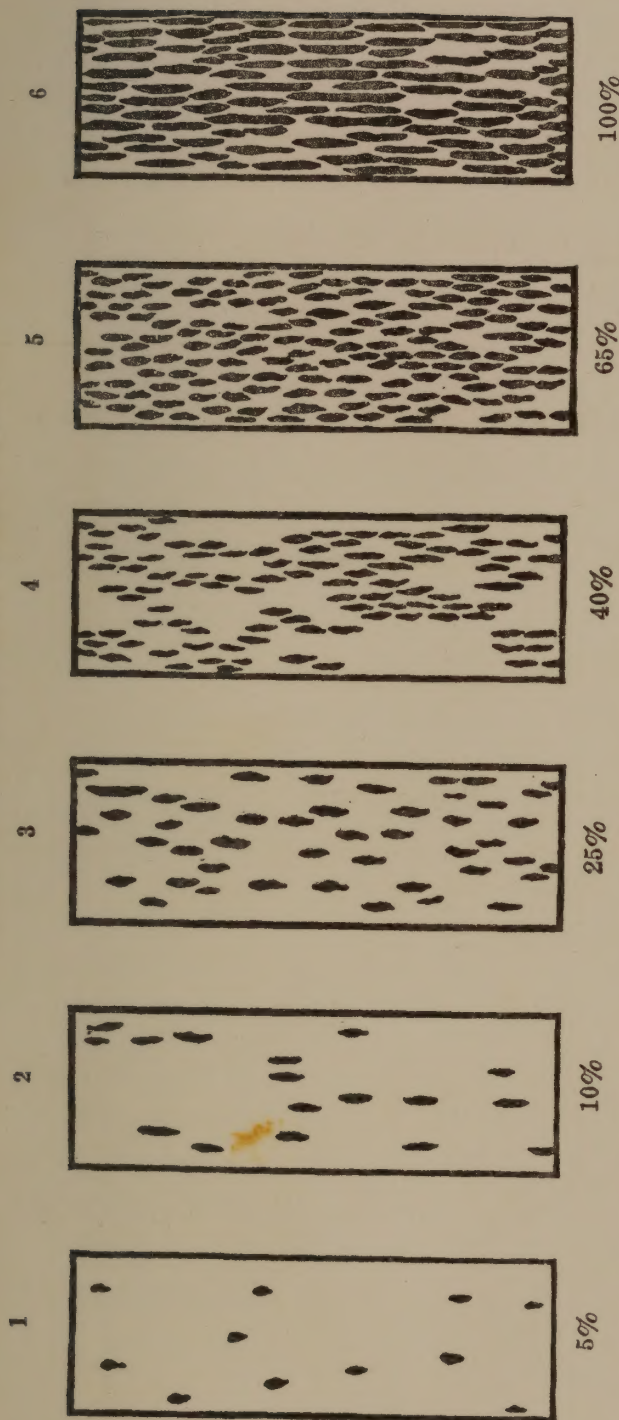


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

B6616A2-38-Bk-17-6-2 3601	Bluebelle x Belle Patna x Dan 7/13 4709
3602	7/16 ✓
3603	7/17 ✓
3604	7/18 ✓
3605	7/13 ✓
3606	7/14 ✓
3607 * 1/8	-8 7/14 ✓
3608	7/13 ✓

B6616A2-38-Bk-17-7-1
4710

7/14

3609

7/18

3610

7/14

3611

7/18

3612

7/18

3613

7/14

3614

7/14

3615

7/15

3616

p/v *

B6616A2-38-Bk-17 3617	Bluebell x Belle Patna x Sam	7/16	4710
3618		7/15	✓
B6616A2-38-Bk-19-3-1 3619		7/12	4716
3620		7/14	✓
3621		7/13	✓
3622		7/13	✓
3623		7/15	✓
3624 *B/8	-6	7/14	✓

B6616A2-38-Bk-19
4716

7/13

3625

✓

7/14

3626

✓

7/16

3627

✓

7/14

3628

Bulle Patna
3d

7/13

3629

B6616A2-B8-Bk-19-6-1
4719

7/14

3630

✓

7/14

3631

✓

7/15

3632

3633	366/6A1-38-Bk-19-6-4	Bluebelle x (Belle Px Lane)	7/16	4719
3634			7/14	✓
3635			7/14	✓
3636			7/13	✓
3637	-8		7/13	✓
* 8/10				
3638			7/16	✓
3639			7/14	✓
3640			7/14	4721

B6616A2-38-B6-19-8-2
4721

7/15

3641

7/16

3642

7/19

3643

8/10 *

7/17

3644

7/16

3645

7/16

3646

7/15

3647

7/19

3648

B6616A2-49-Bk-4

3649

Bluehelle x (Belle Pr Dawn)

7/19

4726

3650

gold

7/20

✓

3651

7/18

✓

3652

7/20

4731

3653

gold

7/19

✓

3654

7/17

✓

B6616A2-49-Bk-5

3655

7/22

4734

3656

gold

7/19

✓

B6616A2-49-Bk-5
4734

7/22

3657

4735

7/23

3658

✓

7/23

3659

gold

✓

7/23

3660

4741

7/21

3661

✓

7/22

3662

gold

✓

7/21

3663

B6616A3-26-Bk-1
4747

7/12

3664

B66/693-26-Bk-1 3665	Bluebell x (Blue Patina x Darn 7/12 4747
3666	7/11 ✓
3667	7/11 ✓
3668	7/12 ✓
3669	7/12 ✓
3670	7/12 ✓
3671	7/12 ✓
3672	7/12 ✓

B6616A3-26-B6-1
4747

7/12

3673

Rule Patna
~~4750~~
Jd.

7/13

3674

4750

7/11

3675

✓

7/12

3676

✓

7/12

3677

✓

7/12

3678

✓

7/12

3679

✓

7/11

3680

B6616A3-26-Bk-1 3681	Bluebills x (Bill)	Patna x Dams 4750
3682	7/12	✓
3683	7/12	✓
3684	7/13	✓
B6616A3-26-Bk-6-3-1 3685	7/15	4759
3686	7/16	✓
3687	7/18	✓
3688	7/16	✓

B66/643-26-Bk-6-3-5

4759

7/18

3689

p/p *

✓

7/15

3690

✓

7/18

3691

✓

7/18

3692

✓

7/18

3693

4764

A3-26-Bk-6-8-1

7/18

3694

-2

✓

7/17

3695

p/p *

✓

7/18

3696

B66/6A3-26-Bk-6
3697

Bluebella x Bella Palma x Daisy
7/18 4764

3698

7/19

✓

3699

7/20

✓

3700

7/19

✓

3701

7/19

✓

3702

7/19

✓

3703

7/19

4768

3704

7/20

✓

B6616A3-26-Bk-10.3-3
4768

7/19

3705

p/10 *

✓

7/14

3706

✓

7/14

3707

✓

7/15

3708

✓

7/16

3709

✓

7/16

3710

✓

7/15

3711

✓

7/16

3712

B66/6A3-26-Bk-10-61 Bluechelle x Belle Px Nanny
3713 7/14 4771

3714 7/13 ✓

3715 7/16 ✓

3716 7/15 ✓

3717 7/15 ✓

3718 7/17 ✓

3719 7/13 ✓
* 8/18

3720 7/13 ✓

B6616A3-26-Bk-1D
4771

7/16

3721

Blughille
30

7/20

3722

B6616A3-26-Bk-13-5-1
4780

7/14

3723

✓

7/14

3724

✓

7/13

3725

✓

7/15

3726

✓

7/15

3727

✓

7/13

3728

3729	B66/6A3-26-Bk-13-5-7 Bluebelle x (Belle Px Daisy)	7/13	4780
3730		7/13	✓
3731	-9	7/16	✓
3732		7/15	✓
3733	B66/6A3-26-Bk-15-2-1	7/17	4787
3734		7/13	✓
3735		7/13	✓
3736		7/13	✓

B6616A3-26-Bk-15-2-5
4787

7/13

3737

7/16

3738

-7

7/16

3739

pp *

7/14

3740

7/13

3741

4790

7/15

3742

7/15

3743

7/16

3744

B6616A3-26-Bk-15-5-4 Bluebelle x Belle Palma x Daisy
3745 7/16 4790

* p/2

3746

7/12

✓

3747

7/12

✓

3748

7/15

✓

3749

7/15

✓

3750

7/13

✓

3751

7/13

✓

B6616A3-26-Bk-17-4-1
3752

7/15

4799

AMY
 2.070
 1.770

Head Total					
B6616A3-26-Bk-17-4-2 4799			7115	3753	
✓			7116	3754	
✓			7116	3755	
✓			7113	3756	
✓			7112	3757	
✓			7113	3758	
✓			7112	3759	
✓				3760	
46.1 68.0		24.4 -9 19 1-2.3-3.2-4 6-2	7114 bulked 9/11		* p/11

366/693-26-Bk-17-8-1 Bluebelle x (Belle P x Dawn)
3761 7/17 4803

3762 7/17 ✓

3763 7/17 ✓

3764 7/18 ✓

3765 7/14 ✓

3766 7/16 ✓

3767 7/16 ✓

3768 7/17 ✓

B6616A3-26-Bb-17-8-9

~~3770~~

4803

7/16

3769

p/p *

✓ 10

7/16

3770

Bluebelle
2d.

7/18

3771

B6616A3-26-Bb-17

4811

7/15

3772

✓

7/16

3773

✓

7/15

3774

✓

7/14

3775

✓

7/14

3776

B6616A 3-26-Bk-17
3777

Bluebell x (Belle P. Dawn)
7/14 4811

3778

7/15

✓

3779

7/13

✓

4-4-Bk-S-3-1
B6616A ~~3-26-Bk-22~~
3780

7/20

4818

3781

7/20

✓

3782

7/20

✓

3783

7/20

✓

3784

7/20

✓

Amy
 2.02
 1.770

12

Head	Total				
✓	4-4-Bk-8-3-5 366/603 26-26-22 4818 22.6 17.0 47.4 1-2,2-3 3-4 68.2 6-2		7/19	3785	bulk 9/11
✓			7/20	3786	
✓			7/21	3787	
✓	366/604 4-Bk-17-5-1 4832		7/19	3788	
✓		-2	7/16	3789	
✓			7/19	3790	
✓			7/18	3791	
✓			7/17	3792	

Amy
 2.070
 1.770

				Head Total
B66/6A 4-4-Bk-17 3793		Blueville x Belle Patna x Dawn	7/18	4832
3794			7/18	-
3795			7/18	-
3796			7/18	-
Belle Patna x Dawn 3797			7/16	22.6 21.0 UYN 123
bulked 9/11				1-2, 2-3, 3-4 49.4 6-2 68.3
3798	11		7/16	22.0 19.5 UYN 334
bulked 9/11				2-2, 2-3, 2-4 38.9 6-2 67.6
3799	11		7/15	22.0 20.0 UYN 333
bulked 9/11				4-2, 2-3 36.9 5-2, 1-3 65.4
3800	11		7/17	22.6 18.5 UYN 116
bulked 9/11				1-2, 1-3, 4-4 6-2

AMY
 Incl 2.070
 out 1.770

Head Total						
366/6A4-4-Bk-17-7-1 4834				8/5		3801
-	straw	22.6 - 2 14.0		8/4		3802
54.2 67.0		6-3 6-2		bulked 9/11	8/8 *	
-				8/7		3803
-				8/6		3804
✓				8/4		3805
366/6A4-24-Bk-5-3-1 4840				8/2		3806
✓				8/2		3807
✓		- 3		8/3	straw 8/8 *	3808

AMY
 Jozl
 2.070
 1.770

				Head Total
3809	B66/6A4-34-Bk-5	Bluebelly x (B. Pr. Dam)	8/2	4840
3810			8/3	✓
3811	A4-34-Bk-5-9-1		8/2	4846
3812			8/2	—
3813			8/2	—
3814			8/1	✓
3815	-5		7/31	22.0 20.0 ✓
*7/8	bulked 9/11	2 Fair	6-3 6-2	550 67.6
3816	B66/6A4-34-Bk-12		8/2	4850

B6616A4-34-Bk-12 4850				8/2	3817	
✓				8/2	3818	
✓				8/1	3819	
✓				7/31	3820	
B6616A4-34-Bk-18-4-1 4861				8/1	3821	
✓				8/2	3822	pp *
✓				8/3	3823	
✓				8/1	3824	

AMg
 2020
 1.7%

				Head Total Px Dam
B66/6A4-34-Bk-18 3825		Bluebelly x (Belle 8/1		4861
3826	Belle Palna	7/26	21.4 18.5	22.0
bulked 9/11			3-2, 3-3 6-2	49.3 69.4
B66/6A4-34-Bk-18-7-1 3827		8/1		4864
3828		8/2		✓
3829		8/3		✓
3830		7/29		✓
3831	-5	7/30	14.5	✓
* 8/8 bulked 9/11		27/30	1-2, 5-3 6-2	46.9 69.6
B66/6A4-31-Bk-19-4-1 3832		8/1		4871

Amy

2.0%
1.7%

15

Head Total						
366/694 4871	31-19-4-2			8/3		3833
✓				8/2		3834
✓				7/31		3835
✓	22.6 16.0		-5	7/30		3836
52.0 68.5	2-2,4-3 6-2	straw		bulked 9/11	P/B *	
4876	-19-9-1			8/3		3837
✓				8/3		3838
✓				8/2		3839
✓				7/31		3840

Amy
 Ind.
 2.02
 1.770

				Head Total
3841	B66/6A-31-22-19-9-5 Bluebird x (Bella x Dawn)	8/1		4876
	* p/p	Stow		
3842	B66/6A-34-22-22-2-1	8/3		4881
3843		7/29		✓
3844		8/3		✓
3845	-f	7/31	22.0 12.0	✓
	* p/p			
	☆ p/p			
	bulked 9/11	Stow	6-4	54.8
			5-2, 1-3	69.6
3846		8/1		✓
3847	-22-7-1	8/3		4884
3848		8/3		✓

Amy
Joni
ack - 2.020
- 1.790

16

Head	Total					
B66/6A434-Bk-22-7-3	4886			8/3		3849
✓				8/4		3850
✓	22.6 16.0		-5	8/2 stew		3851
52.2 68.4	1-3, 5-4 6-2			bulked 9/11	p/p *	
B66/6A434-Bk-26-2-1	4891			7/30		3852
✓				7/30		3853
✓				7/30		3854
✓			-4	7/30 stew	p/p *	3855
✓				7/29		3856

Amg
 2.070
 1.790

				Head Total
3857	B6616A4-34-Bk-26-7-1	Blue x (Bule) x Dan	7/30	4896
3858			7/31	-
3859			7/30	-
3860	-4	23.8 21.0	7/30	-
* p/p ☆	bulked 9/11	straw 2-3,4-4 6-2		49.4 68.6
3861			7/30	-
3862	B6616A2-38-Bk-1-1		7/31	4900
3863	-2		7/31	-
* p/p		straw		
3864			7/30	✓

36616A2-38 4900			7/30	3865
✓			7/30	3866
4904	A2-38-Bb- 4 5-1		8/1	3867
✓			8/2	3868
✓			8/2	3869
✓			7/30	3870
✓	- 5		7/30 stom	3871 Pg *
Bill Patna JL			7/26	3872

AMY
 100
 2.0%
 1.7%

				Head To Tail
3873	B66/642-49	Bluebelly x (Belle P. W. W.)	8/4	4906
3874			8/2	✓
3875			8/2	✓
3876	Gold		7/30	✓
3877			8/3	✓
3878	A7-4-86-2-1		7/30	4911
3879			8/1	✓
3880		-3	7/29	22.6 19.5 ✓
	*P/P	Bulked 9/11	straw	2-2, 1-33-4 55.5 6-2 68.4

Amy
 Jan. 2.0%
 Aug. 1.7%

Head Total					
86616A2-49 4911			7/30	3881	
✓			7/30	3882	
86616A4-34-Bk.-5-1 4919			8/3	3883	
✓			8/2	3884	
✓	22.0 19.0	-3	8/2 stump	3885	pp * bulked 9/11
48.0 65.6	3-3, 3-4 6-2				
✓			8/1	3886	
✓			8/2	3887	
8668A1-25-2-5-1 4930	(Bluebell x Dawn)	x (Belle P x Dawn)	7/31	3888	

3889	B668A1-25-2-5-2 (Bluehelle x Damm) x (Beile Px Damm) -3	7/30	4930
3890	*P/P gold	7/29	✓
3891		7/30	✓
3892		7/30	✓
3893	B668A1-25-Bk-11	7/31	4934
3894		7/29	✓
3895		7/31	✓
3896		7/30	✓

B668A1-25-Bk-11

4934

7/30

3897

B668A1-25-Bk-15

4945

8/2

3898

8/1

3899

8/1

3900

8/2

3901

8/1

3902

B668A1-25-Bk-16

4960

8/1

3903

7/31

3904

3905	B668A1-25-Bk-16	(Bluebelle x Dams) x	(Belle Patie x Dams)	4960	
3906	gold	7/30		✓	
3907	gold	7/30		✓	
3908	B668A1-27-Bk-8	7/31		4964	
3909	gold	8/1		✓	
3910	gold	7/30		✓	
3911	gold	7/28		✓	
3912	gold	7/28		✓	

B668A1-27-B2-8-8-1
4971

7/30

3913

✓

7/29

3914

✓

-3

7/28

3915

p/p *

✓

7/27

3916

✓

7/30

3917

B668A1-27-B2-10
4975

7/30

3918

✓

7/30

3919

✓

7/29

3920

Amy
 lost 2.0%
 ask 1.7%

B668A1-27-Bk-10 3921	(Bluebelles x Dawn) x 7/28	(Belle Lake x Dawn) 4975
3922	gold 7/30	✓
3923	A1-27-Bk-10-7-1 7/31	4980
3924	7/31	✓
3925	7/30	✓
3926	gold - 4 7/30	✓
3927	7/30	✓
3928	Bluebelles bulked 9/11 8/4	22.6 17.0 1-35-4 6-2 Jd.

B668A1-27-Bk-14
5002

7/28

3929

✓

7/26

3930

✓

7/27

3931

✓

7/27

3932

✓

7/31

3933

B668A1-27-Bk-51
5007

7/28

3934

✓

7/28

3935

✓

7/28

3936

3937	B668A1-27-Bk-21 9061	(Bluehille x Dawn) x 7/28	(Belle Patina x Dawn) 5007
3938		7/29	✓
3939	B668A1-27-Bk-22-5-1	7/27	5018
3940		7/27	✓
3941	9061	7/26	✓
3942		7/26	✓
3943	-5	7/27	✓
3944	Belle Patina	7/26	2d

* 8/8

88003- is B671A2-

88003-2-5 9505	Bluebell/2x (Bella Palma x Dora)	8/2	3945
	B671A2-2-5-BR-1		
-	- 2	8/1	3946
		straw	p/p *
✓	3	8/3	3947
-	4	8/4	3948
-	5	8/3	3949
88003-11-2-BA- 9509		8/3	3950
	B671A2-11-2-814-1		
-	- 2	8/4	3951
		straw	p/p *
✓		8/2	3952

88003-11-2

3953

Bluebelle 1/2 x Belle Px Dam
8/2 9509

88003-12-4

3954

8/3

9512

3955

8/3

✓

3956

7/30

✓

3957

7/31

✓

3958

8/2

✓

88003-13-1-811-1

3959

7/30

9514

3960

-2

8/1

✓

*p/q

stew

88003-13-1 9514			8/2	3961
✓			8/1	3962
✓			7/31	3963
88003-21-5 9528			8/2	3964
✓			7/31	3965
✓			8/2	3966
✓			8/1	3967
✓			8/2	3968

88003-22-2 3969	Bluebelly x (Belle Patna x Durr)	7/30	9530
3970		7/31	✓
3971	reg. full color	8/1	✓
3972		8/2	✓
3973		8/2	✓
88003-22-5-Bk-1 3974		8/1	9533
3975	reg. full color	8/1	✓
3976		8/1	✓

88003-22-5-Bk-4 9533	8/1	3977	plp *
✓ 88003-22-5-Bk-4 9533	8/6	3978	
88003-24-5-Bk-1 9538	8/1	3979	
✓ 88003-24-5-Bk-1 9538	7/31	3980	plp *
✓ 88003-24-5-Bk-1 9538	8/5	3981	
✓ 88003-24-5-Bk-1 9538	8/7	3982	
88003-24-5-Bk-1 9539	8/5	3983	
88003-24-5-Bk-1 9539	8/2	3984	

Amy
 Jan 2.0%
 alk 1.7%

				Head Total
88003-24-5-Bh-2 3985		Bluechelle/2x	Belle Palua x Darn	9539
3986	-3	8/2	22.6 23.0	✓
✓ p/p		stew	6-4	51.8
	bulked 9/11		3-2, 3-3	66.9
3987	-4	8/3		✓
3988	-5	8/6		✓
88003-31-2-Bh-1 3989		8/13		9552
3990		8/5		✓
88003-39-2-Bh-1 3991		8/4	22.0 24.0	9569
* p/p		stew	2-3, 4-4	49.8
	bulked 9/11		6-2	65.0
3992		8/10		✓

88003-39-2 9569			8/8	3993
✓			8/9	3994
✓			8/6	3995
9570	B671A2-39-5-B4-1		8/4 June	3996
✓				3997
✓		No plants		
✓			8/12	3998
✓			8/6	3999
✓			8/12	4000

88003-56-3 4001	Bluebelle/2x (Belle Patna x Dawn) 8/3	9606
4002	8/3	✓
4003	8/5	✓
4004	8/5	✓
4005	8/3	✓
4006	B671A2-56-5-BK-1 7/31	9607
* B/P	stone	
4007	8/3	✓
4008	-	✓
No plants		

88003-56-3

9607

8/3

4009

✓

seg. color

8/13

4010

88003-58-1

9612

8/1

4011

✓

8/1

4012

✓

seg. full color

8/6

4013

✓

8/1

4014

✓

7/30

4015

88003-58-2

9613

7/31

4016

88003-58-3 4017	Bluebell/2 x (Belle Px Dawn)	7/31	9613
4018		8/2	✓
4019		8/1	✓
4020		8/1	✓
88003-61-4 4021		8/3	9621
4022	tail on Belle Pattern	8/2	✓
4023		8/2	✓
4024		8/1	✓

Head	Total			
Belle Patna	7/27	4025		
88003-63-5-BK-1	8/1	4026		
9628	8/8	4027		
B671A2-63-5-BK-1	8/3	4028		
	8/6	4029		
	8/3	4030		
88003-65-3-BK-1	8/3	4031		
9631	8/2	4032		
22.6	8/11			
-2				
19.5				
46.7				
64.8				
6-2				

88003-65-3

4033

Gluebelle/2x Bede P x Nassau
8/3 9631

4034

8/3

✓

4035

8/4

✓

88003-66-4-BA-1

4036

8/4

9635

4037

8/3

✓

4038

8/4

✓

4039

-4.

8/3

✓

* 8/8

stom

88003-67-1

4040

8/2

9637

Amy
ack - 2090
1.7%

28

Head Total					
88003-67-1 9637			8/7	4041	
✓			8/3	4042	
✓			8/5	4043	
✓			8/4	4044	
88003-67-2-BA-1 9638 22.6 22.0 52.8 / 1-2, 5-3 67.0 6-2			8/2 straw bulked 9/11	4045	88 *
✓			8/5	4046	
✓			8/5	4047	
✓			8/4	4048	

Amy
 2.0%
 1.7%

				Head Total
4049	Starbonnet	8/13	23.2 22.0	UYN 52
bulked	9/11		1-3, 5-4 4-2, 2-3	47.9 61.0
4050	Dawn	8/17	24.8 14.5	2d.
bulked	9/11		1-3, 5-4 5-2, 1-3	51.8 64.0
4051	Belle Patna x Dawn	7/26	24.4 15.0	UYN 103
bulked	9/11		1-2, 2-3, 3-4 5-2, 1-3	54.2 68.6
4052	"	7/27	24.4 13.0	UYN 116
bulked	9/11		1-2, 2-3, 3-4 6-2	47.5 69.8
4053	"	7/26	23.2 21.0	UYN 333
bulked	9/11		1-2, 5-3 6-2	46.2 66.9
4054	"	7/27	23.8 19.5	UYN 334
bulked	9/11		1-2, 2-3, 3-4 5-2, 1-3	51.2 68.0
88003-62-4-1	Bluebelle 1/2 x Belle Px Dawn	8/2		9640
4055				
4056		8/2		✓

Amy
 2.0%
 1.7%

Head Total					
88003-67-4-3 9640				8/5	4057
✓				8/9	4058
23.4 ✓ 20.0				8/2 straw	4059 p/p * ☆ bulked 9/11
48.6 66.2 6-2 88003-67-5-Bk-1 9641				8/2 straw	4060 p/p *
✓				8/2	4061
✓				8/8	4062
✓				8/2	4063
88003-71-1-Bk-1 9649				8/14	4064

Amey
lost 2.070
ack 1.770

				Head Total
88003-21-1-2 4065 * g/p ☆	Bluebelle/2x (Belle P x Dave) 7/31 bulked 9/11	23.8 22.0 2.3, 4-4 6-2	9649 55.7 68.1	✓
4066	8/1		✓	
4067	8/7		✓	
4068	8/15		✓	
88003-22-3-Bk-1 4069	8/3		9654	
4070	2 8/3		✓	
4071	-3 7/31		✓	
4072	-4 8/3		✓	
* 8/8				

88003-72-3
9654

8/31

4073

Bully Petua
Jol.

7/27

4074

88003-73-3
9657

8/4

4075

✓

8/2

4076

✓

8/2

4077

✓

8/6

4078

✓

8/9

4079

88003-~~74-3~~
9660

8/5

4080

B671A2-74-5-BK-1

88003-74-5 Bluebelle/2x (Belle P. Dawn)
4081 8/5 9660

* r/p -2 straw

4082 8/6 ✓

4083 8/5 ✓

4084 8/7 ✓

88003-76-1-Bh-1
4085 8/9 9664

4086 No plants - ✓

4087 8/9 ✓
avg color

4088 8/14 ✓

Amy
 2.0%
 1.7%

31

Head Total					
88003-76-1-Bk-5 9664			8/4	4089	
			stone		p/p *
88003-80-2-Bk-1 9673			8/6	4090	
✓ 23.8 -2 17.5			8/5	4091	
52.8 67.0	12.4-3, 1-4 6-2		stone bulked		p/p * 9/11
✓			8/7	4092	
✓			8/6	4093	
✓			8/4	4094	
88003-80-3-Bk-1 9674			8/4	4095	
✓ 23.8 -2 28.0			8/3	4096	
6-3 6-2			stone bulked		p/p * 9/11

88003-80-3 4097	Bluebelle/2x Belle Patra x Daisy, 8/7	9674
4098	8/4	✓
4099	8/5	✓
88003-83-1-B4-1 4100	8/3	9685
4101	8/3	✓
4102 * p/p	-3 8/2 straw	✓
4103	8/7	✓
4104	8/4	✓

Amy
 2.0%
 1.7%

Head Total					
88003-88-4 9691			8/4	4105	
✓			8/7	4106	
✓			8/5	4107	
✓			8/7	4108	
88003-96-1-BA-1 9702			8/4	4109	
✓	-2		8/4	4110	
✓	23.4 -3 20.0		8/4 stone	4111	ph x
53.7 67.4	3-3 3-4 6-2		bol kcal 9/11	4112	
✓			8/4		

Amg
ord
ans 2.020
1.770

				Head Total
88003-96-1/2 ¹ Bh-5	Bluebell/2x Bule	8/4		9702
4113		stone		
* p/p				
88003-96-5 ^{8/4} -1		8/4		9704
4114				
4115		8/5		
4116		8/2	23.8 18.0	
* p/p				
☆	bolked 9/11	stone	3.3 3.4 6-2	52.3 67.5
4117		8/4		
88003-112-3		8/2		9731
4118	BG71A2-112-3-Bh-1			
4119		8/1		
4120		8/1		

Amy
 2.070
 1.770

33

Head Total					
88003-1/2-2 9731	-4	8/2	4121	p/p *	
✓	-5	8/5	4122		
88003-1/2-4-1 9732 25.2 14.0		8/2	4123	p/p *	
49.8 / 2-2, 3-3, 1-4 66.6 6-2		straw		bulked 9/11	
✓		8/4	4124		
✓		8/3	4125		
✓	-4	7/31	4126	p/p *	
		straw			
✓		8/4	4127		
Shyelle Id.		8/5	4128		

88003-112-5-Bk-1

4129

Bluebell 1/2 x

(Bella Patina X Davon)

7/31

9733

4130

-2

7/31

✓

*p/p

stems

4131

7/30

✓

4132

7/31

✓

88003-116-2

4133

8/5

9742

4134

8/4

✓

4135

seeds small color

8/4

✓

4136

8/3

✓

Amy
~~had~~ 2.0%
~~ack~~ 1.7%

Head total					
88003-116-3 9742			8/2	4137	
88003-126-1- 12 -1 9763			8/2	4138	
✓ -2			8/1	4139	
✓ -3			8/17	4140	1 plant
✓ 24.2 -4 18.0			7/30 alone	4141	p/p *
55.4 / 3-3, 3-4 68.0 6-2			bulked 9/11		
88003-129-1- 12 -1 9766			8/4	4142	
✓			8/6	4143	
✓			8/2	4144	

88003-129-1-BL-4 Bluebell/2x (Belle A. Dawn)
4145 8/2 9766

*P/P

at Tow

4146 8/3 ✓

88003-131-4-BK-1
4147 8/4 9772

4148 -2 8/5 ✓

*P/P

at Tow

4149 8/3 ✓

4150 8/2 ✓

88003-133-2
4151 8/2 9778

4152 8/1 ✓

Job

88003-113-2 9778			8/4	4153
✓	gold		8/1	4154
88003-134-1-Bk-1 9782			8/1	4155
✓			8/3	4156
✓	-3 full color		8/1	4157
✓			8/1	4158
✓			8/2	4159
88003-134-3-Bk 9784	B671A2-134-3-Bk-1		7/31	4160

Amg
 2.0%
 old 1.7%

				Head Total
88003-1343 4161	Bluebell 1/2 x Belle Px Wam	8/11	-2	9784
* p/p				
4162		8/13		✓
4163	avg. hull color	8/15		✓
4164		8/14		✓
88003-142-2-RA-1 4165		7/31	24.4 25.0	9800
* p/p	bulk ed 9/11	8/29	1-2, 4-3, 1-4 6-2	49.9 66.6
4166		7/29		✓
4167		8/13		✓
4168		8/13		✓

Amg
hd - 2.020
ad 1.770

Head Total 88003-142-2			8/4	4169
88003-144-3 Bl-1 9804			8/5	4170
✓ 23.8 -2 19.0			8/1 stew	4171
56.6 4-3, 2-4 67.8 6-2			bulkcd 9/11	p/p *
✓			8/4	4172
Bluebell Jd.			8/3	4173
88003-154-2 - Bl-1 9822 24.2 24.0			8/4 stew	4174
57.3 4-3, 2-4 68.2 6-2			bulkcd 9/11	p/p * ☆
✓			8/4	4175
✓			8/5	4176

88003-161-1-BK-1 Bluebelle 1/2 x (Belle Patina x 1/2)
4177 8/4 9830

4178 8/5 ✓

4179 8/2 ✓

4180 -4 7/31 ✓
* p/p

4181 -5 8/1 ✓
* p/p

88003-161-2
4182 8/2 9831

4183 8/2 ✓
neg. dull color

4184 8/7 ✓

Amy
 Ind. 2.070
 1.770

37

Head Total					
88003-161-2 9831				8/3	4185
88003-161-5-Bk-1 9834				8/10	4186
✓ 24.4 -2 21.0				8/5 straw	4187
50.3 / 66.1 22.4-3 6-2				bulked 9/11	p/p * 4188
✓ -3				8/11	4188
✓				8/6	4189
88003-166-4 9841				8/8	4190
✓				8/2	4191
✓				8/5	4192

88003-16-4

4193

Blueville/2x (Belle P. Baum)

8/5

9841

88003-192-3-Bh-1

4194

8/11

9875

4195

8/3

4196

-3

8/2

✓

* 8/8

Stone

4197

8/7

✓

88003-192-5

4198

8/6

9876

4199

8/4

✓

4200

8/4

✓

88003-192-5

9876

8/5

4201

✓

8/3

4202

88003-202-1-Bb-1

9891

8/4

4203

✓

8/2

4204

✓

8/2

4205

✓

-4

7/31

4206

7/18 *

✓

7/31

4207

88003-202-3

9893

8/2

4208

88003-202-3

4209

Bluebelle 2x Belle Px Dawn

8/4

9893

4210

8/2

✓

4211

8/2

✓

4212

8/10

✓

88003-202-4

4213

7/31

9894

4214

7/31

✓

4215

7/30

✓

88003-202-5-Bh v1

4216

7/30

9895

8/8

stew

88003-202-5-Bk-2 9895		8/1	4217
✓		8/1	4218
✓		7/31	4219
✓		7/31	4220
88003-204-2-Bk-1 9901		8/2	4221
		atm	8/2 *
✓		8/1	4222
✓		8/2	4223
Duple Patna 2d		7/26	4224

Amy
 Jan 2 070
 Aug 1, 770

				Head Total Pat x Nam
88003-209-2 - Bh - 1 Bluebelle/2 x Belle	4225	7/31		9920
	4226	7/31		✓
	4227	8/2		✓
	4228	8/2		✓
-h	4229	8/2	24.4 20.0	✓
☆ * p/p bulted 9/11		8/2	2-2, 4-3 6-2	53.1 68.3
88003-209-5	4230	8/11		9922
	4231	7/30		✓
	4232	7/31		✓

Amy
 Sol. 2.0%
 act 1.7%

Head Total					
88003-209-5 9922			7/31	4233	
Dawn 3d.			8/8	4234	
B6210A1-7-1-3-3-2-1 53/2		Dawn x CI 9/8/7	8/4	4235	
✓			8/4	4236	
✓			8/4	4237	
✓			8/3	4238	
✓			8/4	4239	
✓	22.6 27.0	-6	8/4 straw	4240	✓
44.5 66.8	12.5-3 6-2	boliced 9/15			

B62/DA
4241

Damm x C.I. 9/87
8/4 53/2

4242

8/3

✓

4243

8/4

✓

4244

8/4

53/5

4245

8/3

✓

4246

8/4

✓

4247

8/3

✓

4248

8/3

✓

Amy
 Incl. 2.0%
 add 1.7%

Head Total 36210A 53/5				8/3	4249
✓				8/3	4250
✓				8/4	4251
✓	A1-7-1-3-3-3-5-9 22.6 27.0 46.2 61.3	2-2,4-3 6-2		8/3 straw bulked 9/15	4252 ✓ p/b *
✓				8/4	4253
53/8				8/4	4254
✓				8/3	4255
✓				8/2	4256

Amy
 Fed 2.0%
 alk 1.7%

				Head Total
B6210A1-7-1-3-4-3-3-1 4257		Damm x CI 8/2		9187 5318
4258		8/3		-
4259 ✓ * r/p	-3 bulked 9/15	8/3 straw	23.8 24.5 1-2, 5-3 6-2	✓ 45.8 62.2
4260		8/3		-
4261		8/4		✓
4262		8/4		✓
4263		8/4		5325
4264		8/4		✓

Amy
 Sub: 2.0%
 alk: 1.7%

Head Total						
B62/DA 5325	1-7-1-3-6-4-5-3				8/4	4265
✓					8/4	4266
✓					8/6	4267
✓					8/4	4268
✓					8/4	4269
✓					8/4	4270
✓	22.6 30.5	-9			8/4	4271
45.8 62.7	4-2,1-3,1-4 6-2				8/4 Jenn bul Kad 9/15	4272
✓					8/4	4272

Amy
 2.0%
 1.7%

				Head Total
B6210A1-7-1-3-6-4-9-1 4273		8/5	Dawn x C.I.	9/187 5329
4274		8/6		✓
4275		8/7		✓
4276		8/7		✓
4277		8/6		✓
4278		8/6		✓
4279		8/7		✓
4280		8/7	22.6 27.5	✓
✓ * 8/8	bulked 9/15	8/7 strong	22, 2-3, 2-4 6-2	48.5 63.4

B6210A 5329				8/8	4281
✓				8/6	4282
Starbonnet UYN 52				8/13	4283
B6210A1-7-4-4-4-3-3-1 5333				8/5	4284
✓				8/7	4285
✓				8/6	4286
✓				8/6	4287
✓				8/5	4288

Amy
Seed
ack-2.0%
1.7%

				Head Total
B6210A1-7-44-4-3-3-6 4289		8/1	Dawn X C.I	9/87 5333
4290	-7	8/4	24.2 21.0	✓
✓ * p/p.	bulked 9/15	stems 2-3, 4-4	6-2	46.6 63.0
4291		8/6		✓
4292		8/5		✓
4293		8/4		✓
4294		8/5		5341
4295	roy. full color	8/5		✓
4296	/	8/5		✓

B6210A
5341

815

4297

✓

815

4298

✓

816

4299

shull color

✓

817

4300

✓

817

4301

✓

817

4302

✓

817

4303

5354

817

4304

Amy
 2070
 1.770

				Head Total
B6210A 4305		Law x CI. 816		9187 5354
4306		817		✓
4307	galy	816		✓
4308		816		✓
4309	A1-16-2-2-1-2-3-1	815		5360
4310	✓ *P/P bulked 9/15	-2 814 stem	24.2 26.5	✓
4311		813	4-2, 1-3, 1-4 3-2, 3-3	46.6 61.9
4312		814		✓

B6210A 5360				8/4	4313
✓				8/4	4314
✓				8/6	4315
✓				8/4	4316
✓				8/4	4317
5365	A1-16-2-2-2-4-3-1			8/4	4318
✓				8/2	4319
✓				8/3	4320

Avg
 lot
 air - 2.0%
 1.7%

				Head Total
B6210A 4321	-4	Dawn x G-I 8/3		9/87 5365
4322		8/1		✓
4323		8/3		✓
4324		7/30		✓
4325	-8	8/2	22.6 26.0	✓
✓ x 1/10	bulked 9/15	atour	6-3 6-2	48.6 62.7
4326		8/3		✓
4327	Julie Palua	7/26		✓
B6210A1-18-1-1-2-4-5-1 4328		8/4		5372

Amy
 2.0%
 1.7%

Head Total				
86210A 5372		-2	8/3	4329
✓	23.8 20.0	-3	8/5 straw	4330
49.6 62.2	2-3, 4-4 6-2		bulked 9/15	✓ 8/8
✓			8/4	4331
✓			8/5	4332
✓			8/4	4333
✓			8/4	4334
✓			8/4	4335
✓			8/5	4336

136210A1-24.3-4.3-2.4-1

4337

8/6

Dawn X C.I. 9/87

5376

4338

8/7

✓

4339

8/6

✓

4340

8/7

✓

4341

8/7

✓

4342

8/7

✓

4343

8/6

✓

4344

8/6

✓

Amy
 2.070
 1.790

Head Total					
562/0A 22.6		-9			
5376 29.0			8/6 straw	4345	✓ p/p *
43.8 60.1	3-2, 3-3 6-2				bulked 9/15
✓			8/7	4346	
5379	A 1-26-3-1-4-5-2-1		8/4	4347	
✓			8/4	4348	
✓			8/3	4349	
✓	24.4 20.0	-4	8/5 straw	4350	✓ p/p *
49.8 64.4	3-2, 3-3 6-2		bulked 9/15		
✓			8/4	4351	
✓			8/4	4352	

B6210A

4353

Dawn X CI 9187

8/4

5379

4354

8/5

✓

4355

8/4

✓

4356

8/2

5395

4357

8/2

✓

4358

8/1

✓

4359

8/2

✓

4360

8/2

✓

B6210A1-6-3-1-2-5-3-1

5413

8/7

4361

✓

8/7

4362

✓

8/6

4363

✓

8/7

4364

✓

8/7

4365

✓

8/7

4366

✓

-7

8/7

4367

5/11

✓
8/11*

✓

8/7

4368

Amg
good 2.0%
all 1.7%

				Head Total
B62/DA 4369		8/7	Damn x CI. 9/8	54/3
4370		8/7		✓
4371	Damn	8/8		22.
B62/DA 1-6-3-1-4-3-3-1 4372		8/7		54/8
4373		8/7		✓
4374		8/7		✓
4375	-4 ✓ * 8/8 bolked 9/15	8/6 other	23.8 22.0 6-3 6-2	✓ 46.1 61.2
4376		8/7		✓

36210A
5418

8/6

4377

8/7

4378

8/6

4379

8/7

4380

8/5

4381

A1-7-2-4-3-3-3-1

5430

8/3

4382

8/3

4383

8/1

4384

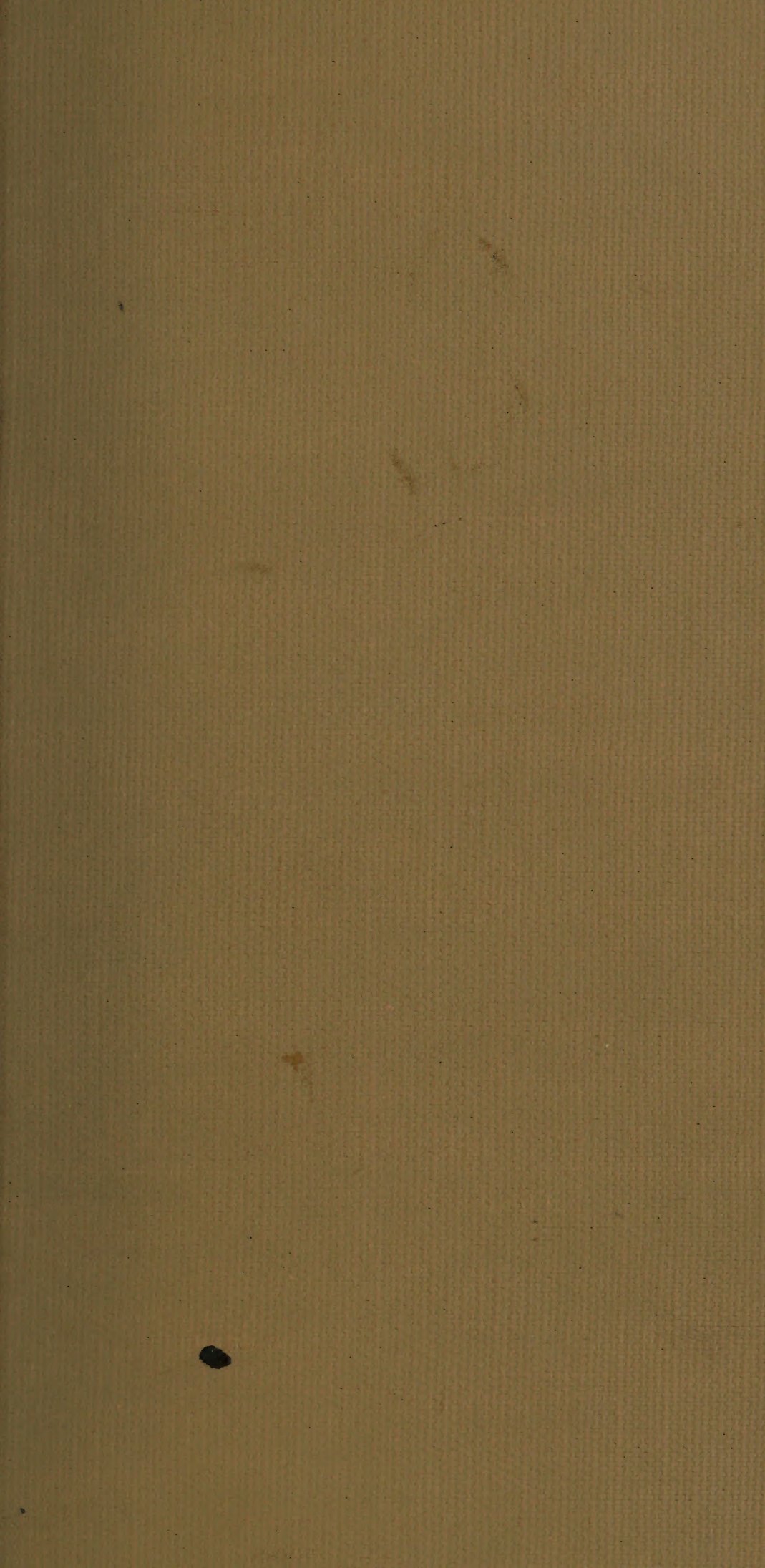
Amy
 lost 2.0%
 all 1.7%

				Head Total
B6210A1-7-2-4-3-3-3-4 4385		7/31	Daux x CI 9/8	5430
4386	-5	8/2 strew	23.4 26.5	✓
✓ * 8/10	bulked 9/15		3-2, 3-3 6-2	42.8 61.3
4387		8/2		✓
4388		8/2		✓
4389		8/2		✓
4390		8/3		✓
4391	A1-7-3-3-5-1-3-1	8/7		5440
4392		8/5		✓

Amy
 2.070
 1.770

50

Head					
Total					
B6210A			-3		
5440	22.0			8/5	4393
	26.0			straw	✓
46.9	3-2, 3-3				Pip *
61.8	6-2			bulked 9/15	
✓				8/6	4394
✓				8/6	4395
✓				8/4	4396
✓				8/4	4397
✓				8/5	4398
✓				8/6	4399
Bluebonnet 50					4400
vyn 44					



4707
4882
4908
CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

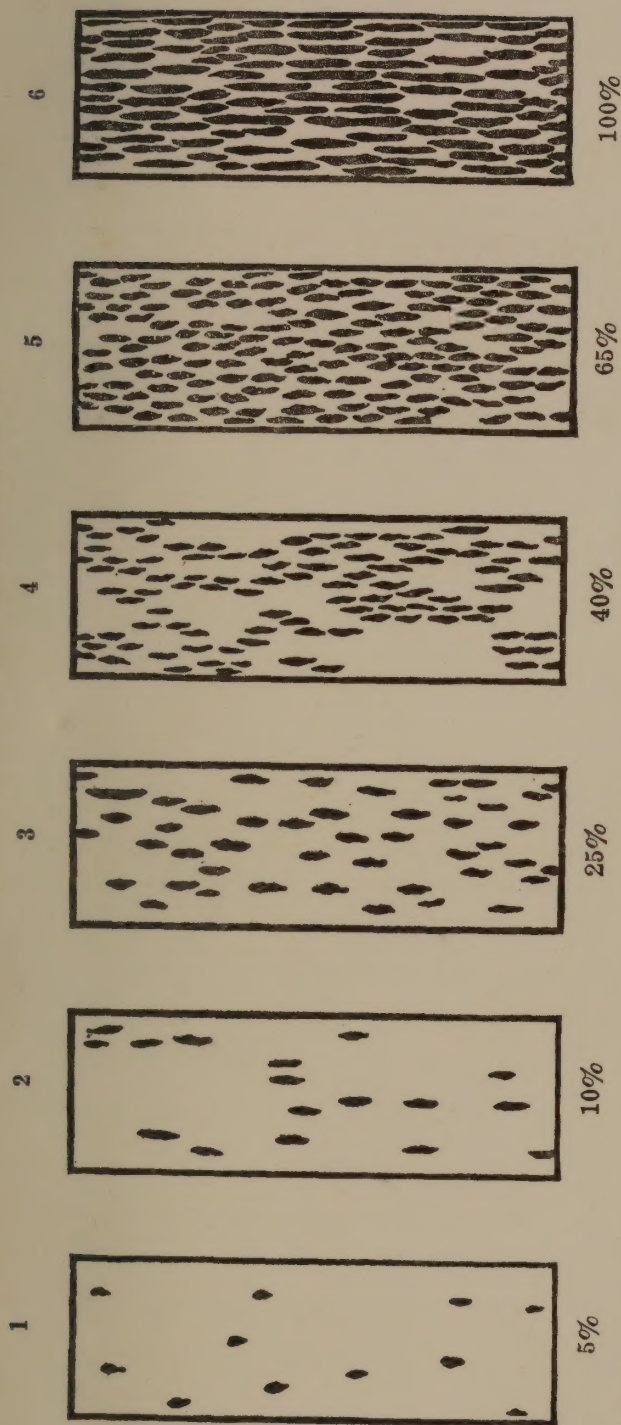


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Amy
 2.020
 1.790

				Head Total
B6210A1-7-3-3-5-3-3-1 4401	8/7	Duronx CI	9187	5445
4402	8/5			✓
4403	8/5			✓
4404	8/6			✓
4405	8/7			✓
4406 ✓ * 7/8	- 6 8/6 strong	22.6 31.0		✓
	bulked 9/15	3-2, 3-3 6-2	42.9 58.2	
4407	8/5			✓
4408	8/5			✓

Amy
 bid. 2070
 ask 1,700

Head Total 36210A 5445				8/4	4409
✓				8/5	4410
5449	A1.7.1-3-4.Bk-1-1			8/4	4411
✓				8/3	4412
✓				8/3	4413
✓				8/3	4414
✓	16.6 22.5	-5		8/3	4415
41.8 62.3	4-22-3 6-2			8/3 Jenny bulked 9/15	4416 ✓ 8/15 *
✓				8/3	4416

B6210A 4417	Dawon x CI. 9187 8/3 5449
----------------	------------------------------

4418	8/3 ✓
------	-------

4419	8/4 ✓
------	-------

4420	Dawon 8/7 Jd.
------	------------------

B6210A1-16-2.2.3-B6-4-1 4421	8/3 5456
---------------------------------	----------

4422	8/5 ✓
------	-------

4423	8/5 ✓
------	-------

4424	8/5 ✓
------	-------

Amy
 Lod. 2.070
 alk 1.770

Head Total					
B6210A		-5			
5456	23.2		8/4	4425	✓
	20.0		straw		
51.5	6.4				✓
65.4	6.2		bulked 9/15		✓ *
✓			8/7	4426	
✓			8/6	4427	
✓			8/7	4428	
✓			8/6	4429	
5461	A1-16-2.2.4.B/f-1		8/4	4430	
✓			8/4	4431	
✓			8/4	4432	

Amey
Ind.
ack-20%
1.7.90

				Head Total
B6210A 4433	4	Dawn X C.I.	9187	5461
4434		8/3		✓
4435		8/4		✓
4436		8/3		✓
4437	-8	8/3 atm	24.4 20.0	✓
✓ * 8/10	bulked 9/15		6-4 1-2, 5-3	55.4 67.4
4438		8/3		✓
4439	A1-16-2-3-1-Bk-4-1	7/30		5466
4440	-2	7/30 atm	22.6 27.5	✓
✓ * 8/10	bulked 9/15		1-3 5-4 6-2	42.6 61.2

B6210A
5466

7/30

4441

✓

7/31

4442

✓

8/1

4443

✓

8/1

4444

✓

7/31

4445

✓

7/30

4446

✓

8/1

4447

✓

7/30

4448

B6 210 A1-26-3-1-6-116-2-1 Dawn X CI 9187
4449 8/4 5477

4450

8/4

-

4451

8/4

✓

4452

8/4

✓

4453

8/4

✓

4454

8/4

✓

4455

-7

8/4

✓

✓ * 8/8

4456

8/3

✓

B6210A
5477

8/3

4457

5503

A1-6-3-1-1-Bk-3-1

8/9

4458

✓

8/7

4459

✓

8/7

4460

✓

8/8

4461

✓

8/8

4462

✓

8/8

4463

✓

8/7

4464

Amy
 2.070
 1.770

				Head Total
B6210A 4465	-8	Dawn x CI 8/8		9187 5503
4466 ✓ *p/p	-9	8/7 Dawn	22.6 24.5	✓
	bulked 9/15		6-4 2-2	46.0 60.8
4467	A1-6-3-1-2. Bb.5-1	8/4		5510
4468		8/6		✓
4469		8/5		✓
4470		8/6		✓
4471		8/7		✓
4472 ✓ *p/p	-6	8/5		✓

B6210A 5510			8/6	4473
✓			8/5	4474
✓			8/6	4475
✓			8/7	4476
Starbonnet UYN 52			8/13	4477
B6210A 1-6-3-1-4-12-4-1 5514			8/5	4478
✓			8/6	4479
✓			8/5	4480

4481 B6210A

Down x C.I. 9187
8/6 5514

4482

-5

8/5

✓

✓
* p/p

4483

8/5

✓

4484

8/5

✓

4485

8/6

✓

4486

8/5

✓

4487

8/5

✓

4488

A1-6-4-1-2-B2-3/

8/6

5518

B6210A
5518

-2

8/6

4489

✓

8/6

4490

✓

-4

8/6

4491

✓
P/P *

✓

8/5

4492

✓

8/6

4493

✓

8/5

4494

✓

8/7

4495

✓

8/6

4496

36210A 4497		Dawn X C.I. 8/6	9/87 55/8
4498	A1-6-4-1-3-B6-3-1	8/6	5523
4499		8/7	✓
4500		8/6	✓
4501		8/7	✓
4502		8/7	✓
4503 ✓ * 8/8	-6	8/7 Jen	✓
4504		8/7	✓

B621DA
5523

8/7

4505

8/7

4506

8/6

4507

5530 A-1-6-4-1-5-BK-5-1

8/6

4508

8/7

4509

8/5

4510

8/7

4511

8/7

4512

B6210A 4513		Dawson x C.I.	9187 5530
4514	-7	8/6	✓
✓ * 8/6		8/6	
4515		8/5	✓
4516		8/7	✓
4517	A1-7-2-4-3- 22 -5-1	8/3	5535
4518		8/3	✓
4519		8/2	✓
4520		8/3	✓

Amy
 2.0%
 1.7%

Head TOTAL B6210A 5535				8/3	4521
✓	23.8 31.5	-6		8/1 straw	4522 p/p ✓ *
35.8 57.1	4-3, 2-4 6-2			bulked 9/15	
✓				8/2	4523
✓				8/2	4524
✓				8/3	4525
Bluebell Fd.				8/1	4526
B6210A-7-2.44-Bb. 5-1 5540				7/31	4527
✓				8/3	4528

B6210A 4529		Dawn x C.I. 8/2	9/87 5540
4530 ✓ * p/p	-4	8/1	✓
4531		8/1	✓
4532		7/31	✓
4533		8/3	✓
4534		8/2	✓
4535		7/31	✓
4536	A17.3.3.1. Bk. 3-1	8/4	5543

Amy
 Ind. - 2.0%
 alk - 1.7%

Head Total					
B6210A 5543				8/4	4537
✓				8/4	4538
✓				8/4	4539
-	23.8 25.5		-5	8/4 straw	4540 ✓ P/P*
45.4 60.8	6-4 6-2			bulked 9/15	
✓				8/5	4541
✓				8/5	4542
-				8/6	4543
✓				8/5	4544

Amy
 Sed. 2.0%
 alk. 1.7%

				Head Total
BL210A 4545		Darwin x C.F. 8/5		9/87 5543
4546	A1-3-4-2-1-3-M4-1	8/7		5556
4547		8/7		✓
4548		8/7		✓
4549	-4	8/6 straw	23.8 19.0	✓
✓ * 1/2		bulked 9/15	1-2, 1-3, 4-4 50.2 6-2 64.0	
4550		8/7		✓
4551		8/7		✓
4552		8/7		✓

B6210A
5556

8/7

4553

✓

8/7

4554

✓

8/7

4555

5561

A1-7-1-3-3-3-Mo4-1

8/3

4556

✓

8/3

4557

✓

8/3

4558

✓

8/3

4559

✓

8/3

4560

B6210A 4561 ✓ * p/p	-6	Dawn X C.I. 8/2 str	9187 5561
4562		8/2	✓
4563		8/3	✓
4564		8/3	✓
4565	A1-7-1-3-4-3-1105-1	8/3	5567
4566		8/4	✓
4567		8/3	✓
4568		8/2	✓

Amy
 2.070
 1.770

Head Total 36210A 5567					8/4	4569
-	22.6 26.5	-6			8/3 straw	4570 ✓ pk *
44.5 60.4	4-2, 2-3 6-2				bulked 9/15	
✓					8/2	4571
✓					8/2	4572
✓					8/3	4573
Dawn Id.					8/7	4574
36210A 1-7-1-3-6-4-M-4-1 5571					8/2	4575
✓		-2			8/3	4576

Amy
Jod
and 2.070
1.790

				Head Total
B62/DA 4577 ✓ * p/p	-3	Dawn x CI 8/2	24.2 18.0	9187 5571
	bulked 9/15	stem	1-3, 5-4 5-2, 1-3	47.0 64.5
4578		8/4		✓
4579		8/3		✓
4580		8/4		✓
4581		8/3		✓
4582		8/4		✓
4583	A1-7-4-4-4-3-No.4 -1	8/7		5581
4584		-2 8/6		✓

B6210A 5581	-3	8/4 Stow	4585 ✓ VP *
✓		8/10	4586
✓		8/5	4587
✓		8/5	4588
✓		8/5	4589
✓		8/6	4590
✓		8/6	4591
✓		8/8	4592

Amy
 2.0%
 1.79%

				Head Total
B6210A1-16-2-2-2-4 No. 4	CI	9/87		
4593	8/3			5611
	-2			
4594	8/3			✓
4595	8/3			-
4596	8/3			-
4597	-5	23.8		
✓ * 8/10	8/3	30.5		-
	at row			
		3-3, 3-4	47.4	
		6-2	62.4	
4598	8/3			-
4599	8/3			-
4600	8/4			✓

Amy
 2.0%
 1.7%

Head Total B6210A 5611				8/4	4601
5616	AI-18-1-1-2-4-Mo.4-1			8/6	4602
✓				8/6	4603
✓				8/5	4604
✓				8/5	4605
✓	23.8 18.0		-5	8/5 strong	4606
48.0 63.4	3-3,3-4 5-2,1-3			bulked 9/15	4607
✓				8/5	4608

Amy
 2.070
 1.770

				Head Total
B6210A 4609		Dawn x C.I. 8/4		9187 5616
4610		8/5		✓
4611		8/5		✓
4612	A1-26-3-1-4-5-Mo.4-1	8/4		5621
4613		8/4		✓
4614		8/4		✓
4615	✓ * 9/15 bulked 9/15	-4 8/6 stone	24.4 20.0 2-34-4 2-2, 1-3	✓ 60.6 68.2
4616		8/3		✓

B6210A
5621

8/4

4617

✓

8/3

4618

✓

8/3

4619

✓

8/3

4620

5629

A1-26-3-1-6-4-M05-1

8/1

4621

✓

8/3

4622

✓

8/4

4623

✓

8/3

4624

B6210A 4625 ✓ *p/p	-5 Dawn X.C.I.	9/87 5629
4626	8/3	✓
4627	8/3	✓
4628	8/4	✓
4629	8/3	✓
4630	8/2	✓
4631 Dawn	8/7	HL.
B6210A 1-6-3-1-1-4-Mo. 2-/ 4632	8/7	5651

B6210A 5651				8/6	4633
✓				8/7	4634
✓				8/7	4635
✓				8/2	4636
✓				8/6	4637
✓				8/7	4638
✓		-8		8/7 straw	4639 ✓ 8/8 *
✓				8/7	4640

B6210A 4641		Dawn X C.I. 8/7	9187 5651
4642	A1-6-3-1-4-3-Mo.5-1	8/4	5664
4643		8/6	✓
4644		8/6	✓
4645	-4	8/6 straw	✓
✓ * 7/8 4646		8/6	✓
4647		8/5	✓
4648		8/5	✓

Amy
 lost
 add 2.0%
 1.7%

Head Total					
B6210A 5664				8/5	4649
✓				8/7	4650
✓				8/6	4651
5672	A1-7-2-4-3-3 Mo.3-1			8/2	4652
✓				8/3	4653
✓				8/2	4654
✓	23.8 21.0		-x	8/3 Jm	4655 ✓ *
45.8 62.8	3-3, 3-4 6-2			boliced 9/15	
✓				7/31	4656

Amy
 load. 2.070
 air 1.790

			Head Total
B62/DA 4657	Lawn x CI 8/3	9/87	5672
4658	8/3		✓
4659	8/3		✓
4660	8/3		✓
4661	A1-7-3-3-1-3-1103-1 8/4 stone	23.8 24.0	5679
✓ * 8/p	bulked 9/15	3-3-3-4 6-2	47.4 61.0
4662	8/5		-
4663	8/5		-
4664	8/6		✓

B6210A
5679

8/6

4665

✓

8/7

4666

✓

8/5

4667

✓

8/5

4668

✓

8/4

4669

✓

8/5

4670

B6210A1-7-3-3-5-1-M-4- /
5685

8/5

4671

✓

-2

8/4

4672

Amg
 2.0%
 1.7%

				Head Total
B62/DA 4673		Dawn X C.E.	9/87	5685
		8/5		
4674		8/4		✓
4675	-5	8/5	22.2 23.5	✓
✓ x 7/4	bulked 9/15	8/5 stmr	2-3, 4-4 4-2, 2-3	48.6 62.9
4676		7/31		✓
4677		8/5		✓
4678		8/6		✓
4679		8/6		✓
4680	A1-7-3-3-5-3-Mo.3-1	8/5		5689

Amy
 2.0%
 1.7%

Head Total				
86210A 5689		-2	8/6	4681
-			8/5	4682
-			8/5	4683
-			8/4	4684
-	22.6 24.5	-6	8/5 straw	4685 ✓
46.7 61.8	1-3, 4-4, 1-5 6-2		bulked 9/15	4686
-			8/4	4687
-			8/5	4688

AMP
 lost
 alt - 2.023
 1.770

4689	Starbonnet	8/7		UYN 52
4690	C.I. 9187	8/8	22.0 21.0	5351
	bulked 9/15		1-3, 5-4 6-2	
4691	C.I. 9569	8/3	23.2 10.0	5693
	bulked 9/15		6-3 6-2	
4692	B6343A1-5-7-1-3-2-1	8/2	Down XCI-9569	5695
4693		8/3		✓
4694		8/4		✓
4695		8/4		✓
4696		8/4		✓

✓ 8/8

36343A-8-9-1-4-2-1
5700

8/2

4697

✓

8/3

4698

✓

-3

7/31

4699

July

✓
7/2 *

✓

8/3

4700

✓

8/1

4701

5703

8/2

4702

✓

8/3

4703

July

✓

8/3

4704

B6343A1-8-9-1-4-5-4 4705 ✓ * p/p		Dawx x C.I. 9569 8/3 5703
4706	gold -5	8/1 ✓
4707	Bluebonnet 50	UYN 44
B6344A2-1-43-2-3-1 4708		Dawx x C.I. 9570 8/6 5712
4709	-2	8/7 ✓
4710		8/7 ✓
4711	gold	8/7 ✓
4712 ✓ * p/p	-5	8/7 ✓

Amy
 2.020
 1.770

20

Head	Total					
✓	363442-16-2-1-2-1	5716		8/7		4713
-				8/9		4714
✓	28.4 13.0		-3	8/7		4715
✓	49.8 66.5	6-3 6-2	Overall equalled!	bulked	9/15	4716
✓				8/9		4717
✓	363442-17-1	5723		8/3		4718
✓				8/4		4719
✓				8/3		4720

4721	⁷⁻¹ B6344A2-1-9- 8 -1-4-4	Dann X C.I. 9570 8/3	5723
4722	<i>James Toller</i> -5 ✓ * p/p	8/1	✓
4723	B6344A2-1-9-4	8/5	5736
4724		8/5	✓
4725	<i>gold</i>	8/4	✓
4726		8/5	✓
4727		8/7	✓
4728	Bluehelle	8/2	Jd.

Amy
Sol. 2.0%
alk 1.7%

Head Total					
✓	5740	86344A2-1-9-10-1-4-1	8/7	4729	
✓			8/7	4730	
✓		-3	8/7	4731	✓ 8/p *
✓		gold	8/7	4732	
✓			8/6	4733	
✓	5745	A2-1-9-10-2-4-1	8/8	4734	
✓			-2	8/8	4735
✓		stems	-3	8/7	4736
✓	50.6 64.2	23.2 14.0 3.3, 3.4 6-2			✓ bulkcd 9/15 JP

B6344A2-1-9-10

4737

Dawn XCI. 9570

8/7

5745

4738

Stone

8/7

✓

B6344A2-1-10-10-4-3-1

4739

8/5

5749

4740

8/6

✓

4741

-3

8/4

✓

✓
* 2/2

gold

4742

8/4

✓

4743

8/6

✓

B6344A2-2-1-3-5-5-1

4744

8/6

5756

AMY
 good 2.0%
 over 1.7%

Head Total					
B6344A2-2-1-3-5-5-2 5756				8/4	4745
-	25.2 14.0	-3		8/5	4746 ✓
42.9 64.6	6-4 6-2	overall good			bulked 9/15
-				8/2	4747
✓				8/1	4748
B6344A2-2-1-9-1-3-1 5759				8/6	4749
-		-2		8/5	4750 ✓
-				8/6	4751
✓				8/7	4752

B6344A2-2-1-3

4753

Dawn XCI 9570

8/7

5759

A2-2-19-5-4-1

4754

8/6

5765

4755

-2

8/8

✓

* 2/p

4756

8/7

✓

gold

4757

8/6

✓

4758

8/5

✓

B6344A2-2-9-5-5-4-1

4759

8/11

5775

* 2/p

4760

8/10

✓

Dawn

B6344A2-2-9-5

5775

8/3

4761

✓

8/6

4762

stems

✓

8/4

4763

B6344A2-~~9-6~~⁻²⁻⁹-6-2-2-1

5780

8/6

4764

-2

✓

8/6

4765

neat

✓
pp *

✓

8/8

4766

fold

✓

8/6

4767

✓

8/6

4768

B6344A 4769	2-2-9-13-1-3-1	Dawn x CI 8/7	9578 5786
4770 ✓ * p/p	-2 very neat	8/6	✓
4771	1-1-1	8/7	✓
4772	gold	8/5	✓
4773	1-1-1	8/7	✓
4774	A 2-2-9-13-3-3-1	8/4	5791
4775	1-1-1	8/4	✓
4776 ✓ * p/p	gold -3	8/4	✓

B6344A2-2-9-13

5791

8/4

4777

✓

gold

8/4

4778

B6344A2-4-6-2-1-1-1

5804

8/7

4779

✓

8/6

4780

✓

-3

8/7

4781

stew

bulk

8/8 *

✓

8/7

4782

✓

8/6

4783

Jd.

Laron

8/6

4784

B6345A3-5-3-5-1-3-1 Damx CI 9442
4785 8/4 5817

4786 8/4 ✓

4787 8/4 ✓
✓ * 8/8
gold -3

4788 8/3 ✓

4789 8/4 ✓

B6345A3-5-10-3-1-3-1
4790 8/8 5822

4791 8/10 ✓

4792 8/7 ✓
✓ * 8/8
gold -3

B6345A3-5-10-3
5822

8/7

4793

July

8/4

4794

A3-5-10-3-2-2-1

5826

8/5

4795

p/p *

8/6

4796

8/6

4797

8/4

4798

8/6

4799

B6345A3-5-10-4-3-2-1
5831

8/6

4800

B6345A3-5-10-4-3-2-2 *Rawl* @ I. 9442
4801 8/5 5837

4802 8/3 ✓

4803 *gold* -4 8/4 ✓

✓ * *R/p*

4804 8/4 ✓

B6345A3-10-6-1-2-5-1
4805 8/9 5849

4806 8/7 ✓

4807 *gold* 8/7 ✓

4808 8/7 ✓

B6345A3-10-6-1-2-5-5
5849

gold

8/8

4809 ✓

p/p *

A carbonnet
UYN 52

8/13

4810

B6346A1-1-8-4-3-5-1 Danu x CI 9572
5861

8/3

4811

✓

8/3

4812

✓

8/3

4813

✓

stamp

8/4

4814

✓

-5

8/3

4815

p/p *

5866

A1-1-8-4-5-5-1

8/4

4816

AMY
 2.070
 7.770

			Head Total
B6346A1-1-8-4-5-5-2	Darwin CE	9572	
4817	8/4	23.4	5866
✓		20.0	
* p/r	bulked 9/15	2-3, 4-4	47.8
		6-2	64.6
4818	8/4		✓
4819	8/4		✓
4820	8/4		✓
B6346A1-4-3-6-4-5-1			
4821	8/6		5876
4822	8/6		✓
4823	8/6		✓
4824	8/4		✓

36346A1-4-2-6

5876

8/7

4825

36346A1-6-2-2-4-2-1

5878

8/7

4826

8/8 *

8/8

4827

8/7

4828

8/8

4829

8/7

4830

36346A1-6-2-4-4-4-1

5890

8/6

4831

8/5

4832

B6346A1-6-2-4-4-4-3 Dawn x C.I. 9572
4833 8/5 5890

seg. color

4834 -4 8/5 ✓

✓
* p/p

straw

4835 5 8/5 ✓

seg. color

B6346A2-1-5-2-2-2-1
4836 8/7 5893

4837 8/5 ✓

4838 8/7 ✓

4839 gold -4 8/8 ✓

✓
* p/p

4840 8/7 ✓

Amy
 2.070
 1.7%

Head Total					
3d.	Dawn		8/5	4841	
B6348A1-24-1-3-31 (Blt 50x40 341) x OS-57 5903			8/1	4842	
✓			8/7	4843	
✓			8/6	4844	
✓	24.4 12.0	trans -4	8/3	4845	
51.5 65.8	6-4 5-2, 1-3	good plant bulked 9/15			pp* ✓
✓			8/3	4846	
5915			8/3	4847	
✓		gold stems	8/3	4848	

AMY
 lod. 2.0%
 ash 1.7%

				Head Total
86348 4849		(Blt 50 x HD 34)	8/3	05-57 59/5
4850	gold more stony		8/3	✓
4851			8/3	✓
4852	OK AW-132-17-1-5-1		8/4	5925
4853			8/5	✓
4854			8/5	✓
4855	stems		8/4	✓
4856	-5		8/3	25.2 13.0 ✓
✓ x/p/p	bulked 9/15	good p	6-4	46.4 5-2, 1-3 65.1

AMY
 lost 2.0%
 and 1.7%

Head	Total	Ad				
36348	5940	11-17-3-5-1		8/4		4857
-				8/4		4858
-				8/5		4859
-	23.4 9.0	23.4 9.0	-4	8/4		4860 ✓
50.6 65.2	1-3, 5-4 6-2	meat		bulked 9/15		4861 * ✓
-				8/5		4862
5946				8/6		4863
-				8/7		4864
✓				8/5		4865

B6348
4865

(B650X HO 34) X 05-57
8/7 5946

4866

8/6

✓

4867

8/7

5949

4868

8/8

✓

4869

8/8

✓

4870

8/7

✓

4871

8/7

✓

4872

A1-Bk-Bl 54.4-5-1

8/9

5962

^{Bk}
 B6348 A1-Bk-54-4-5-2
 5962

8/9

4873

8/10

4874

8/10

4875

8/10

4876

8/13

4877

8/13

4878

8/13

4879

8/13

4880

B6348
4881

(Blt 50 HO 341) X OS-57
8/10 5975

4882

Blt 50

UYN 44

4883

B6357 A1-Bk-Bk-1-1-1-1 (CP231xPI184812) X OS-59
8/9 5979

4884

-2

8/9

4885

-3

8/7

4886

-4

8/7

4887

-5

8/6

4888

8/4

5981

stem
small
very large
select a few as gentle
poor
out
condition!

B6357

5981

8/7

4889

✓

8/9

4890

✓

8/9

4891

stone
 poor!
 very large c/s

✓

8/7

4892

5983

8/10

4893

✓

8/7

4894

✓

8/9

4895

stone
 poor
 very large c/s

✓

8/9

4896

B6357 4897		(CP231XPI/84812) x OS-59 8/9 5983
4898		8/14 6002
4899	poor	8/10 ✓
4900		8/14 ✓
4901		8/14 ✓
4902		8/10 ✓
4903		8/15 6006
4904		8/15 ✓

B6357 6006			8/15	4905
✓	Excellent poor plant very fine chilling		8/16	4906
✓			8/16	4907
Jointla				4908
B6359 6011	[(CP23/3) x (Bt)/2] x PI 215936		8/8	4909
✓			8/8	4910
✓	Good flower; 2/5; leaves growing; small greenish		8/8	4911
✓			8/9	4912

Amy
 2.0%
 1.7%

				Head Total
B6359 4913	$[(CP22/3 \times Blt)/2 \times PI215936]$ 8/9			05-59 6011
4914	^{Bl} A1-Bl-1-3-1-1 8/7			6015
4915 ✓ *p/p	-2 8/9 bulked 9/15 grain stem lvs; better dens; plant good		24.8 14.0	-
4916	8/10		2-3, 4-4 6-2	57.8 69.0
4917	8/9			-
4918	8/7			-
4919	A1-Bl-Bl-1-5-3-1 8/4			6022
4920 ✓ *p/p	^{lvs} -2 8/5 stem			✓

36359
6022

8/6

4921

✓

8/6

4922

✓

8/6

4923

6049

8/3

4924

✓

8/3

4925

✓

8/4

4926

✓

8/3

4927

✓

8/3

4928

AMY
 Ind. 2.070
 alk 1.770

				Head Total
B635 4929	9A1-BK-04-P-321[CP231/3xBLT)/2xPF-215936]	8/3		205-59 6053
4930	-2 bulk ed 9/15 xp/p	8/3	24.2 14.0 6-3 6-2	✓ 45.1 61.9
4931	short. Inst. good plant; long left; left groundwork	8/3		✓
4932		8/3		✓
4933		8/4		✓
4934		8/5		6087
4935	same as above	8/4		✓
4936		8/3		✓

Amy
 2.070
 2.720

Head Total 66359 6087					8/4	4937
✓					8/3	4938
6090	A1-B4-15-4-2-1				8/3	4939
✓					8/3	4940
✓					8/3	4941
✓	24.2 14.0 6-4	4			8/3	4942
54.2 66.2	6-2			bulked 9/15		✓ 8/4 *
✓					8/3	4943
6100					8/2	4944

B6359 4945	HL	[CP231/3x BAA/2x PI215936] x OS-59	8/4	6100
4946	much sludgy		8/3	✓
4947			8/4	✓
4948			8/7	✓
4949		Scarbonnet	8/13	VYN52
B6360 4950		(PI215936XCI9214) x OS-59	8/7	6108
4951	dries severely		8/7	✓
4952			8/7	✓

B6360 6108				8/7	4953
✓				8/6	4954
6119	A1- 01-01 -21-2-5-1			8/5	4955
✓			-2	8/4	4956
✓			-3	8/4	4957
6134 out of order		lyt. - extend		8/3	4958
6119	A1- 01-01 -21-2-5-4			8/5	4959
6119			-5	8/3	4960

B6360 4961		(PI 215934 CI 9214) x OS-59 8/4	6134
4962		8/5	✓
4963	highest variable; questionable	8/3	✓
4964		8/4	✓
4965		8/3	6141
4966		8/3	✓
4967	four	8/3	✓
4968		8/4	✓

B6360

6141

8/3

4969

6146

8/6

4970

✓

8/6

4971

✓

8/5

4972

big length

✓

8/5

4973

✓

8/6

4974

sd.

dawn

8/7

4975

B6360

6155

8/9

4976

AMY
 July 2.0%
 1.7%

				Head Total
B6360 4977	(PI 215936 X CI 9214)	8/9		105-59 6155
4978	questionable July	8/9		✓
4979	A1-BL-BL-49-4-3-1	8/4		6164
4980	questionable July good plant	8/4		✓
4981	-3	8/5		✓
✓ * 8/8		Straw		
4982	A1-BL-BL-61-5-3-1	8/3		6174
4983	some in straw	8/6		✓
4984	-3 Bulked 9/15	8/3	18.0 52.5	✓
✓* 8/8		straw	4-2 2-4 6-2	60.5 67.4

B6360

6180.

8/5

4985

✓

8/5

4986

✓

8/4

4987

6183

8/6

4988

✓

8/4

4989

✓

8/4

4990

A1-12-12-78-5-3-1

6194

8/4

4991

✓

Bp*

✓

8/4

4992

fold
 straws
 over
 2

Amy
 Jan. 2.070
 Dec. 1.770

				Head Total
B6360 4993	(PI 215936 x CI 9214)	8/3	x05-59	6194
4994		8/3		6204
4995	poor	8/3		✓
4996		8/4		✓
4997	A1-Bl. Bl. 93-3-5-1	8/5		6211
4998	stems 20% questionable -2 bulked 9/15	8/7	22.6 16.0	✓
4999	*p/p	8/6	2-2,4-3 6-2	49.3 62.9
5000		8/11		6222 ✓

882 8227	C.I. 9545		8/6	5001	
36366 6231	A1-Q. A1. A1. 2-2-1	C.I. 9545 x	7/29	OS-59 5002	✓ *
✓			7/28	5003	
✓			7/28	5004	
✓			7/28	5005	
✓			7/28	5006	
✓			7/28	5007	
✓			7/29	5008	

36366 A1-B1-M1-M1-2-2-8 CI 9545 X DS-59
5009 7/29 6231

5010 - 9 7/27 ✓
✓
* 8/8

5011 - 10 7/28 ✓

5012 A1-B1₃-4-3-1 8/1 6237

5013 7/31 ✓

5014 8/2 ✓

5015 7/30 ✓

5016 7/31 ✓

6636 6 A1-Bk₃-4-3-6
6237

7/30

5017

✓
p/p *

7/31

5018

-f

7/31

5019

✓
p/p *

8/4

5020

8/3

5021

3d) Belle Patna

7/26

5022

Pro. Cron
6225

Belle Patna x PI 184675

8/2

5023

8/4

5024

5025	8/4	6325
5026	8/7	6322
5027	8/7	✓
5028	8/7	✓
5029	8/5	6336
5030	8/7	✓
5031	8/6	✓
5032	8/7	6343

Cro. Cross

Bille Latna x P.I. 184675

✓ * 8/8

✓ * 8/8

✓ * 8/8

✓ * 8/8

Cro. Cross 6343			Bull Patna 8/9	x PI 184675 5033
✓			8/7	5034
6352			7/26	5035
✓			7/26	5036
				✓ 8/8 *
✓			7/27	5037
6364			8/8	5038
✓			8/8	5039
				✓ 8/8 *
✓			8/7	5040

04 5041 Pro. Lion ✓ * 8/8		Belle Patna x PI. 184675 8/7	6366
5042 ✓ * 8/8		8/7	✓
5043		8/9	✓
5044		8/6	6368
5045 ✓ * 8/8		8/8	✓
5046		8/7	✓
5047 ✓ * 8/8		8/7	6380
5048		8/7	✓

6380			8/6	5049
6388			8/2	5050 ✓ 8/8 *
✓			8/1	5051
✓			8/2	5052
6400			8/7	5053
✓			8/6	5054
✓			8/7	5055 ✓ 8/8 *
6402			8/2	5056

5057	Cro. Lion	Belle Patna x F.I. 18462	8/6	6403
5058	✓ * p/p		8/5	✓
5059	✓ * p/p		8/5	6410
5060			8/3	✓
5061			8/6	✓
5062	Blanchette		8/3	3d
5063	IRRI	CI 9544 x 81B-25	8/2	6532
5064	Donder		7/30	✓

IRRI 6532			CI 9544 x 81B-25 7/29	5065
6538			8/2	5066
✓			7/31	5067
✓		dry sample	7/31	5068
6547			8/2	5069
✓		generally poor	8/2	5070
✓			7/31	5071
IRRI 6571			CI 9544 1/2 x T(N)1 8/3	5072

IRRI
5073

C.I. 9544/2X
8/3

T(N)1
6571

5074

8/3

✓

5075

8/3

6574

5076

8/4

✓

5077

8/3

✓

5078

8/4

6579

5079

8/3

✓

5080

8/3

✓

FRRI 6584			GI. 9544/2 x T(N)/1 8/1	5081
✓			8/4	5082
✓			8/4	5083
6591		severely	8/4	5084
✓		2. mts; dry	8/4	5085
✓			8/3	5086
6599			8/2	5087
✓			8/4	5088

IRRI
5089

CI. 9544/2x T(N)1
8/3 6599

5090

Dawn

8/7 3d.

5091

~~B63109A1-2-12-11-1-2-(CI 9544 delx (Bl+50x (Fainta))~~
8/3 6999

5092

-2

8/4 ✓

5093

-3

8/3 ✓

5094

8/7 7006

5095

gold

8/7 ✓

5096

8/7 ✓

363109

7010

8/8

5097

✓

8/10

5098

gold
streaky; poor

✓

8/7

5099

7016

8/5

5100

✓

8/8

5101

gold

✓

8/10

5102

7027

8/1

5103

poor; cherty;
dry hole

✓

7/30

5104

B63109

5105

CI9544 Sol. (Blt 50x Jojutta)

7/30

7027

5106

8/2

7030

5107

8/3

✓

Shelly

5108

8/4

✓

5109

8/2

7048

5110

8/3

✓

Shelly too small

5111

7/31

✓

5112

7/31

7055

363109
7055

CI 9544 Sel x (Bl + 50x Jojuntla)
8/3

5113

✓

gold

8/3

5114

7064

A1-3-8-3-2-5-1

7/30

5115

✓

fine
stone

-2

7/30

5116 ✓

1/2 *

✓

8/3

5117

7086

A1-3-8-12-5-5-1

8/3

5118

✓

stone
chubby?

-2

8/3

5119 ✓

1/2 *

✓

8/4

5120

3A
G63/D9A1-3-8-13-3 CF 9544 Solx (Bl + 50x Jjute
4-1 8/3 7090

5121

✓
*8/8

5122

8/4

✓

5123

8/5

✓

5124

8/3

705

5125

8/4

✓

5126

8/2

✓

5127

A1-3-8-24-1-4-1

8/7

7109

✓
*8/8

5128

- 2

8/8

✓

863109 7109		8/7	5129
7142		7/31	5130
✓	Stew above gfs?	7/30	5131
✓		8/3	5132
7150	A1-3-14-3-3-5-1	8/5	5133
✓	-2 Stew above gfs?	8/4	5134 ✓ p/p *
✓		8/4	5135
UYN52	Starbonnet	8/13	5136

B63109
5137

CI 9544 Solx (Blut 50x Japan
8/4 6999

5138

8/4

✓

5139

8/2

✓

5140

A1-3-14-6-5-4-1

8/4

7156

5141

-2

8/3

✓

5142

8/4

✓

5143

8/3

7159

5144

8/4

✓

563109

7159

8/2

5145

7161

8/3

5146

✓

8/3

5147

✓

8/5

5148

7164

8/1

5149

✓

8/2

5150

✓

7/30

5151

7170

8/3

5152

B63109
5153

CI 9544 Del x (B673D x J)
8/3 7170

5154

tall
poor

7/27

✓

5155

A1-3-14-10-3-2-1

8/4

7174

5156

✓

*p/p

stems
generally tagged

2
8/3

✓

5157

8/4

✓

5158

A1-3¹⁴10-3-5-3-1

8/7

7180

5159

stems
tagged

8/5

✓

5160

-3

8/3

✓

*p/p

B63/D9A-3-14-12-3-2-1

7184

8/6

5161

✓

stone

8/7

5162

✓

- 3

8/8

5163

p/p *

7191

8/3

5164

✓

four

8/3

5165

✓

8/3

5166

7196

8/1

5167

✓

two four

8/2

5168

B63109
5169

CI9544

8/1

Bht 50
7196

5170

8/10

7206

5171

stems
fair

8/9

✓

5172

8/8

✓

5173

A1-4-14-3-4-2-1

8/4

7209

5174

-2

stems
little plant
chubby?

8/4

✓

✓
* 8/8
5175

8/3

✓

5176

8/4

7214

363109
7214CI 9544 Slx (Blt 50x *Ipomoea*)
8/3 5177

✓

~~stems
latter plant
chubby?~~

8/4 5178

7220

8/2 5179

✓

~~stems
last plant of this cross
chubby?~~

8/6 5180

✓

8/8 5181

7228

7/28 5182

✓

~~stems
slender~~

8/3 5183

✓

8/2 5184

B63109
5185

CI 9544 Lx (But 50x Joint)
7/30 7232

5186

7/30

✓

5187

7/30

✓

5188

8/6

7240

5189

8/5

✓

5190

8/6

✓

5191

A1-B6-17-5-4-3-1

8/7

7267

5192

8/7

✓

*p/p

stems
plant
litter

2

363109
7267

8/7

5193

Belle Patna x David
54N103

7/26

5194

54N116

7/27

5195

54N333

7/26

5196

54N334

7/28

5197

5098

7/13

5198

5099

7/13

5199

5100

7/19

5200

Complete

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

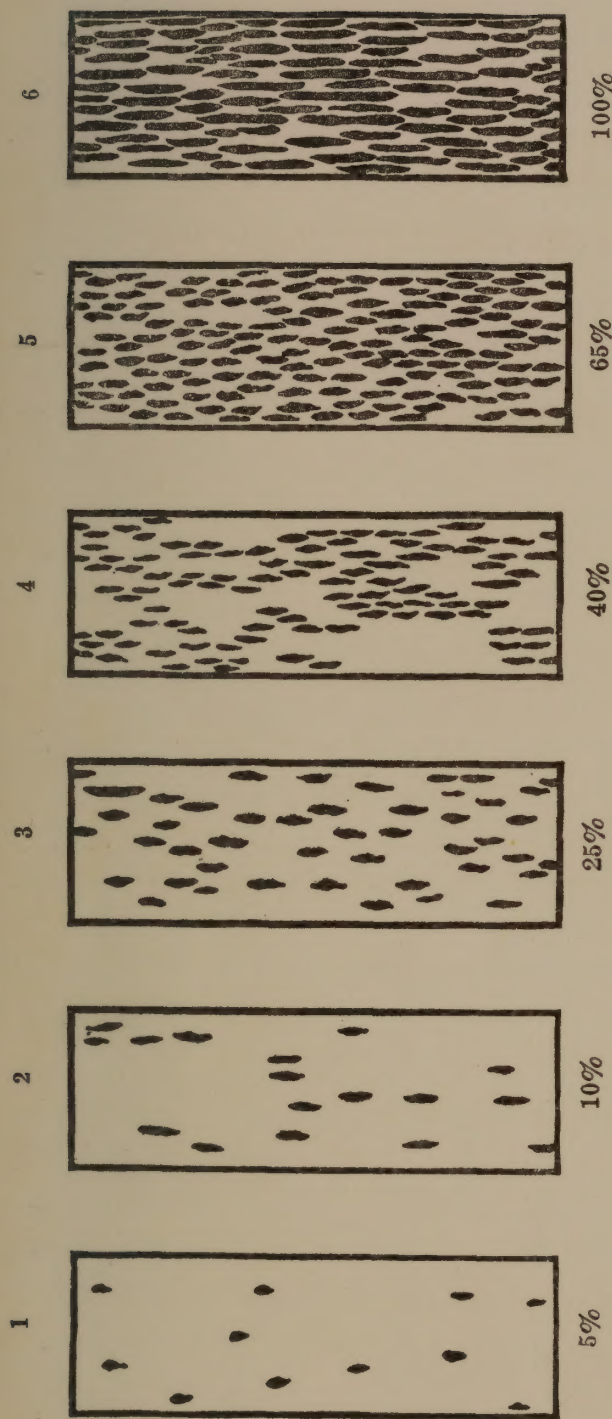
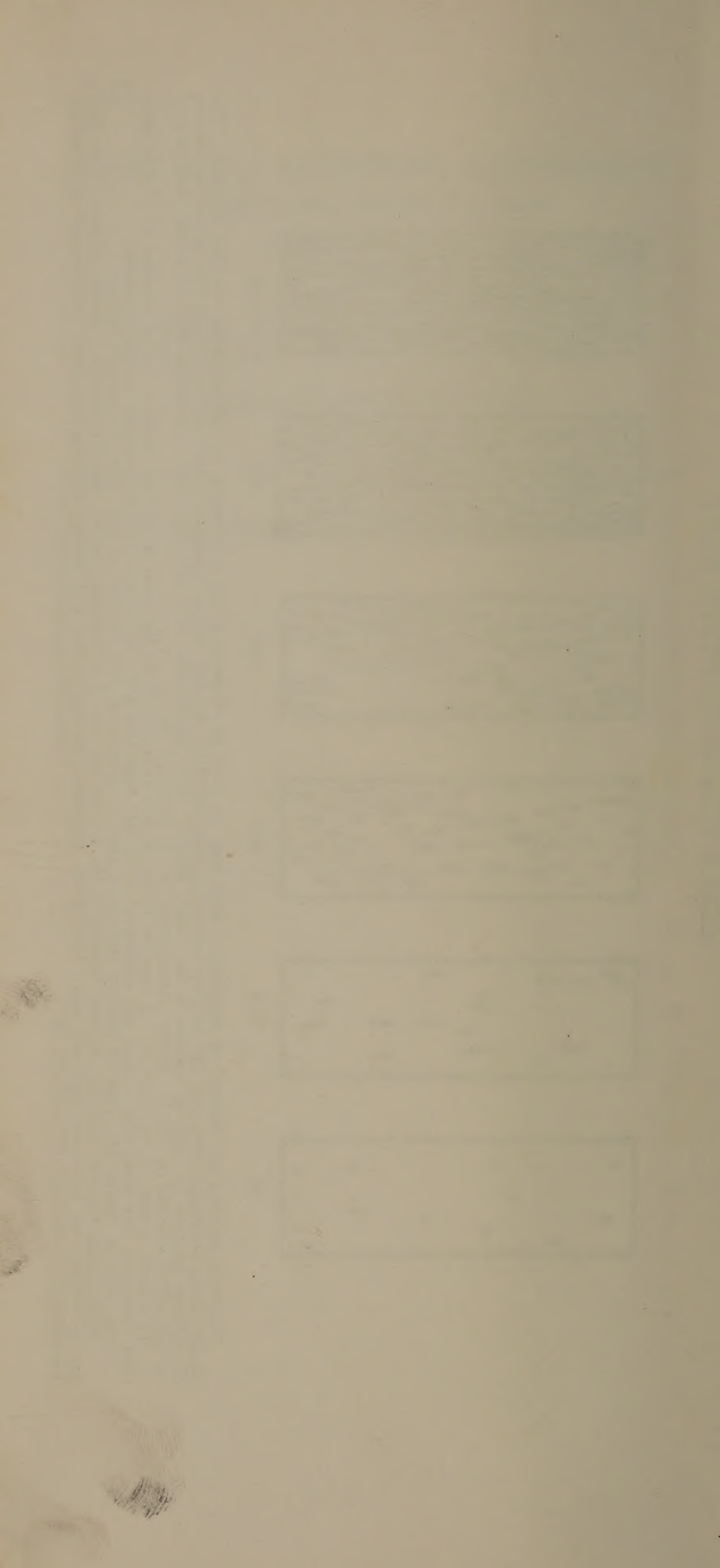


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.



Amy
 2.070
 1.770

5201	66335 A-1-1-1-2-3/CI 9545 X Dawn	8/7	7280
5202		8/7	✓
5203	-3 ✓ * 8/10 balked 9/15	8/8	22.6 26.0 1-6, 5-7 4-6, 2-7
5204		8/5	✓
5205	Excellent ✓	8/10	✓
5206	-6 ✓ * 8/10 balked 9/15	8/10	25.2 10.0 6-7 5-6, 1-7
5207	A-1-1-1-1-3-4-1	8/4	7286
5208		8/4	✓

Amy
 Jan. 2.070
 ash 1.770

36335
 7286

8/1

5209

23.4

14.5

Excellant; myth

-4

8/3

5210

6-7

3-6, 3-7

bulked 9/15

✓
x p/p

8/4

5211

7299

8/3

5212

8/3

5213

8/3

5214

8/3

5215

8/3

5216

Amy
all - 2.020
1.790

5217	B6335 A1-1-3-1-4-1-4-1	CI9545 x 8/3	Dawn 7306
5218		8/3	✓
5219		8/4	✓
5220	Epallent, mfg	8/4	✓
5221	-5	8/4	24.4 9.0 ✓
✓ * 1/8	bolked 9/15		6-7 6-8
5222	A1-1-3-1-4-2-3-1	8/3	73/0
5223	Epallent, mfg	8/4	✓
5224	-3	8/3	24.4 11.0 ✓
✓ * 1/8	bolked 9/15		6-7 5-6, 1-7

Amy
Jed. - 2.070
ack - 1.770

2

B6335 7310			8/4	5225
✓			8/4	5226
7317	A1-1-3-1-4-5-5-1		8/3	5227
✓			8/9	5228
✓	25.8 6.0 6-7 3-6, 3-7	-3	8/9	5229
			bulked 9/15	✓ 8/8 *
✓			8/7	5230
✓			8/8	5231
Fd. 23.8 11.0 3-3, 3-4 6-2	blason		8/6	5232
				bulked 9/15

Amy
Jed
ack - 2070
1.770

B6335 A1-1-7-2-3-4-1 CI 9545 x Dawn
5233 8/8 7321

5234 8/8 ✓

5235 8/3 24.8 11.0 ✓
✓ * 8/8
Exellent 1 mg⁺ -3
bulked 9/15
6-7
4-6, 2-7

5236 8/7 ✓

5237 8/3 ✓

5238 A1-1-7-2-3-5-1 8/5 7327

5239 8/7 ✓

5240 8/7 ✓

Amy
 2.0%
 1.770

7325	25.2	-4	8/2	5241
7327	11.0			
	6-7			
	3-6, 3-7	bulked 9/15		* p/p
✓			8/7	5242
7331	24.4		8/3	5243
	17.5			
	6-7			
	6-6	bulked 9/15		* p/p *
✓			8/4	5244
✓			8/6	5245
✓			8/3	5246
✓			8/3	5247
7343	AI-1-10-1-1-4-1		8/5	5248

Amy
 Job: 2.0%
 alk: 1.7%

5249	B6325 A1-1-10-1-1-4-2 CI 9545 x Dawson	8/8	7343
5250	good plant, 4/8 -3	8/7	25.2 11.0 ✓
✓ * p/p	bulked 9/15		6-7 6-6
5251	A1-1-10-1-3-4-1	8/6	7348
5252	2 -2	8/5	25.8 9.0 ✓
✓ * p/p	questionable bulked 9/15		6-7 5-6, 1-7
5253		8/6	✓
5254	A1-1-10-1-5-3-1	8/4	27.0 9.5 7352
✓ * p/p	bulked 9/15		6-7 5-6, 1-7
5255	questionable	8/4	✓
5256		8/4	✓

B6335
7357

8/6

5257

✓

8/8

5258

✓

post check
more study

8/5

5259

✓

8/6

5260

✓

8/4

5261

7364

8/3

5262

✓

8/4

5263

✓

post check; study

8/3

5264

B6335 5265		8/3	CI 9545x Dawn 7364
5266		8/4	✓
5267		8/3	7374
5268		8/4	✓
5269	active during	8/3	✓
5270		8/3	✓
5271		8/4	✓
5272	A1-2.1-5-5-3-f	8/3	7379

AMY
 2.0%
 1.7%

B6335 7379			8/4	5273
-			8/4	5274
-			8/4	5275
-	-5		8/4	5276
Starbonnet				✓ *p/p
4N 52	23.4 16.5 6-3 6-2		8/13	5277
B6335 7382			8/6	5278
-			8/6	5279
-	inferior shape		8/4	5280

66335
5281

CI 9545 x Dawn
8/6 7382

5282

8/4

✓

5283

8/5

7390

5284

8/3

✓

5285

8/4

✓

5286

8/4

✓

5287

8/4

✓

5288

8/7

7396

36335
7396

8/4

5289

8/6

5290

8/6

5291

8/4

5292

7400

8/3

5293

8/3

5294

8/3

5295

8/3

5296

5297 *B6335*

CI 9545 x Dawson
7400

8/3

5298

8/3

7404

5299

8/3

✓

5300

8/4

✓

5301

2-mg

8/4

✓

5302

8/4

✓

5303

A1-2-4-1-3-3-2-1

8/7

7413

5304

8/6

✓

36335 7413				8/7	5305
✓		questionable	8/6	8/7	5306
✓			-5	8/5	5307
7418				8/4	5308
✓				8/3	5309
✓		inferior	8/3	8/3	5310
7441				8/8	5311
✓				8/9	5312

36338
5313

CI 9545 x Darn
7441

8/7

5314

tall, stability poor 8/5

8/8

✓

5315

8/7

✓

5316

8/9

7450

5317

8/8

✓

5318

8/8

✓

5319

tall, stability

8/8

✓

5320

8/8

✓

36335 A1-3-3-2-1-2-1 7477		8/7	5321
✓	good, info sometimes distorted	8/6	5322
✓		8/7	5323
✓	-4	8/7	5324 ✓ 7/8 *
✓		8/7	5325
UYN 12 Saturn		8/2	5326
36335 A1-3-3-2-2-3-1 7483	bulk	8/4	5327
✓		8/6	5328

Any
all 2.0%
1.7%

				Head Total
B6335 5329		8/7	CI9545	x Dawn 7483
5330	generally spalled? maybe too short? baked 9/15	8/8	23.8 14.0	-
5331	info	8/3	3-2, 3-3 6-2	56.6 67.3
5332	A1-3-3-2-3-5-1	8/9		7490
5333	-2	8/8		✓
5334	overall very nice good info	8/8		✓
5335		8/8		✓
5336		8/8		✓

Amy
 Josh - 2.070
 all - 1.790

Head Total					
B6335 7494	A1-3-3-2-5-4-1 23.8 15.0			8/8	5337 ✓
49.0 64.8	1-2-5-3 6-2			bulked 9/15	✓
✓				8/6	5338
✓	lyt generally excellent; possibly too short			8/6	5339
✓				8/4	5340 ✓
✓				8/7	5341
75/5				8/3	5342
✓	dry belly; more starchy			8/3	5343
✓				8/2	5344

B6335 5345		8/3	CI 9545x	Daron 7520
5346	foot panels; much stuff	8/3		✓
5347		8/3		✓
5348		8/3		7522
5349		8/3		✓
5350	heavy stuff	8/3		✓
5351		8/4		7530
5352	much stuff	8/3		✓

6335 7530			8/4	5353
7532			8/3	5354
-	much sterility		8/3	5355
-			8/3	5356
7534			8/3	5357
-	much sterility		8/3	5358
✓			8/3	5359
7548			8/3	5360

B6335 5361		CI 9545 x Dawn 8/3 7548	
5362	<i>much sterility</i>	8/3	✓
5363		8/3	7550
5364	<i>much sterility</i>	8/3	✓
5365		8/2	✓
5366		8/2	7556
5367	<i>much sterility</i>	8/2	✓
5368		8/3	✓

AMY
lost
ave - 2.0%
1.7%

11

dyn 9	Nato 16.6 49.0 1-6, 5-7 6-6		7/30	5369
86335 7567	A1-3-10-1-4-5-1		bulked 9/15 8/5	5370
✓	24.4 16.0 1-3, 5-4 5-2, 1-3	-2	8/5 bulked 9/15	5371 ✓ off *
✓			8/7	5372
✓			8/7	5373
✓	24.8 11.5 1-3, 5-4 6-2	-5	8/6 bulked 9/15	5374 ✓ off *
7571	A1-3-10-2-1-4-1		8/7	5375
✓			8/5	5376

AMY.
bal
ack - 2.070
1.790

5377	B6335 A1-3-10-2-1.4-3 CI 9545 x Dawn	8/6	7571	
5378	info, generally excellent; trace of light	8/7		✓
5379		-5 8/5		✓
5380	A1-3-10-2-3-3-1	8/3	7583	
5381		8/6		✓
5382	9/15 excellent info	-3 8/6	25.8 8.0 6-7 6-6	✓
5383		8/5		✓
5384		8/4		✓

Amy
 2.070
 1.7070

B6335 A1-3-10-2-3-3-6

7583 25.8

11.0

6-7

6-6

8/3

5385

✓

7/8 *

bulked 9/15

8/7

5386

8/4

5387

8/3

5388

8/4

5389

A1-3-10A²5-5-1

7590

8/4

5390

✓

7/8 *

8/4

5391

3

8/4

5392

✓

7/8 *

Amy
 food - 2.070
 alk - 1.770

5393

CI 9545 x Dawn
 8/4 7590

5394

Excellent
 mfg

8/4

✓

5395

A1-3-10-3-2-3-1

8/5

7598

5396

Excellent

8/8

✓

5397

-3

8/8

25.8
 11.5

✓

5398

A1-4-7-1-3-3-1

8/4

7613

5399

-2

8/4

✓

5400

8/4

✓

36335
7613

8/4

5401

good

8/4

5402

7620 A 1-4-10-1-4-5-1

8/3

5403

8/3

5404

mgts; of shell but
probably 20 shells

-3

8/3

5405

bulk

8/4

5406

8/4

5407

7635 A 1-5-3-4-2-3-1

8/7

5408

Amy
Josh
alk - 2.070
1.270

B6335
5409

CI 9545 x Dawn
8/8 7635

5410

-3

8/7

✓

5411

8/6

✓

5412

8/5

✓

5413

A1-5-4-1-2-2-1

8/4

7644

5414

-2

8/4

26.2
12.0

✓

5415

8/4

✓

5416

8/4

✓

B6335
7644

8/3

5417

7642

A1-5-3-4-4-5-1

8/8

5418

✓

8/6

5419

✓

good lot, plot 2

-3

8/6

5420

✓

p *

✓

8/6

5421

✓

8/8

5422

Ed. D. Lucille

8/5

5423

B6335 A1-5-4-1-3-5-1
7652

8/4

5424

Amy
ask 2.0%
1.7%

36335 5425		8/4	CI 9545 x Dam 7652	
5426		8/4		✓
5427	✓ bulked 9/15 *p/p info: excellent -4	8/4	24.2 13.0 6-7 6-6	✓
5428		8/4		✓
5429	A1-5-4-3-1-2-1	8/4		7655
5430		8/2		✓
5431	✓ info: generally excellent *p/p -3	8/4	24.4 16.5 2-3 4-4 6-2	✓
5432	bulk 9/15 A1-5-4-3-2-4-1	8/4		7662

Amy

ord - 2.070
ack 1.770

B6335

7662

8/4

5433

24.4

14.5

6-4

6-2

mgf; of allent

-3

8/3

5434

bulked 9/15

✓
p*

8/1

5435

8/3

5436

A1-5-4-3-3-4-1

7667

24.4

19.0

6-4

6-2

8/4

5437

bulked 9/15

✓
p*

8/3

5438

8/3

5439

8/4

5440

Efallent

mgf

Amy
Dad
ask - 2.5%
1.770

B6335
5441

CI 9545 x Dawn
7/30 7667

5442

A1-5-4-3-5-2-1

8/7

7670

5443

8/4

✓

5444

✓ *p/p
☆

bulked 9/15
info. excellent

-3

8/7

25.8
16.5

✓

6-7
4-6, 2-7

5445

8/7

✓

5446

8/5

✓

5447

A1-6-2-5-1-5-1

8/4

7680

5448

8/7

✓

36335
7680

8/4

5449

✓

8/4

5450

✓

-5

8/4

5451

✓
1/2 *

7687

8/5

5452

✓

8/5

5453

✓

8/4

5454

poor log

✓

8/4

5455

✓

8/5

5456

B6335 H1-6-2-5-5-1-1

CI 9545 x Dawn
7691

5457

8/7

5458

8/7

5459

Speculant float
but all still looking?

8/5

5460

lot OK

8/7

5461

-5

8/4

✓
*8/8

5462

8/3

7741

5463

100 x more study

8/3

5464

8/3

36335

7741

8/3

5465

✓

8/3

5466

A1-8-7-3-1-1-1

7752

8/4

5467

✓

8/5

5468

✓

8/4

5469

Spallent plants but
 Lys probably closer? too short
 - 4

✓

8/4

5470

✓

8/4

5471

A1-8-7-3-~~005~~ 5-2-1

7759

8/3

5472

B6335 CI 9545 x Daron
5473 8/4 7759

5474 8/4 ✓

5475 8/3 ✓
✓ x p/p
*left plants ok;
questionable;
mod. study - 4*

5476 8/2 ✓

5477 Daron 8/8 7764

B6335 A1-8-7-4-1-2-1
5478 8/4 7764

5479 8/4 ✓

5480 8/4 ✓

Any
 lost - 2.070
 all - 1.770

36335 7764		- 4	8/4	5481	✓ p/p *
✓	plant good; lyt. questioned		8/5	5482	
7773	A2-1-2-3-2-3-1		8/1	5483	
✓	23.8 19.5	- 2	8/3	5484	✓ p/p *
	4-3,2-4 6-2		bulked 9/15		
✓			8/3	5485	
✓	plants; mags, yellow		8/3	5486	
✓			8/3	5487	
7782	A2-1-2-3-3-5-1		8/6	5488	

B6235 5489 ✓ * 8/10	-2	8/4	CI 9545 x Davis 7782
5490		8/4	✓
5491	Excellent plants; mostly offen looking	8/5	✓
5492		8/2	✓
5493	A2-1-3-2-1-1-1	8/7	7783
5494		8/5	✓
5495	Excellent plants; good logs; leaves	8/9	✓
5496		8/9	✓

Amy
 Ind - 2.02
 all 1.7%

Head Total B6335 7783				8/7	5497
7791	A 2-1-3-2-2-4-1			8/8	5498
✓	25.8 14.5	- 2		8/8	5499
46.2 60.2	43.2-4 6-2			bulked 9/15	✓ pp k
✓	good plant; good clawed			8/9	5500
✓				8/5	5501
✓				8/8	5502
7805	A 2-1-3-5-5-5-1			8/7	5503
✓				8/9	5504

B6335

5505

CI9545 x Dawn

8/10

7805

5506

✓
* 2/8

front long med. stubby
-4

8/10

✓

5507

8/7

✓

5508

8/4

7807

5509

8/3

✓

5510

taller; stubby

8/3

✓

5511

8/4

✓

5512

8/4

✓

B6335 A 2-1-4-2-5-1-1
7809

8/3

5513

8/3

5514

8/3

5515

8/4

5516

8/3

5517

8/3

5518

8/3

5519

8/3

5520

B6325

5521

✓
x/p/p

lign: good plant

mod. sturdy

-4

8/3

CI 9545 x Dawn

7811

5522

8/3

✓

5523

8/8

7819

5524

8/6

✓

5525

8/8

✓

generally poorer

5526

8/7

✓

5527

8/9

✓

5528

Nato

8/6

Ug N9

B6335
7825

8/6

5529

✓

8/5

5530

✓

too tall

8/5

5531

✓

8/7

5532

✓

8/7

5533

A2-2-3-3-3-5-1

7827

8/5

5534

✓

-2

8/6

5535

plant good, fair gto.
for challe?

✓
8/8 *

✓

8/5

5536

Amy
Good
ack - 20%
1.79%

5537	✓	8/6	CI 9545, Dawn 7827
5538	✓	8/6	✓
5539	A 2-2-3-4-2-1-1	8/5	7828
5540	✓	8/7	✓
5541	good lots, good plants -3 bulked 9/15	8/6	25.8 8.5 6-7 6-6
5542	✓ -4	8/6	✓
5543	✓	8/7	✓
5544	A 2-2-3-4-4-3-1	8/6	7825

Amy
 2.0%
 1.7%

06335	24.4	-2			
7835	11.0		8/7	5545	✓
	6-7				P/P *
✓	36, 3-7	good, left good	bulked 9/15	5546	
✓			8/5		
✓			8/6	5547	
✓			8/6	5548	
7842	A 2-2-3-4-5-5-1		8/5	5549	
✓			8/7	5550	
✓			8/6	5551	
✓		-4	8/7	5552	✓
					P/P *

Amy
 food
 alk - 2.020
 1.770

				Head Total
B6335 5553	CI 9545	8/5	24.4 13.5	7842
5554	CI 9545 bulked 9/15	8/3	24.4 13.5	8227
B6335 5555	A 2.2.3-5-4-1-1	8/8	6-7 6-6	7843
5556		8/8		✓
5557	mod. too bad good; left; rounded; dentist	8/8		✓
5558		8/6		✓
5559	-5	8/6		✓
5560	A 2.2.3-6.4.3-1 bulked 9/15	8/6	24.4 13.0	7853
			1-3.5-4 6-2	51.0 68.1

36335 7853				8/7	5561
✓				8/5	5562
✓	generally full;		-4	8/6	5563
✓				8/6	5564
7860	A 2-2-4-1-4-5-1			8/7	5565
✓				8/7	5566
✓	Spall: injury from mfg; all shells?			8/6	5567
✓			-4	8/6	5568

B6335
5569

CI 9545 x Dawn
8/3 7860

5570

7/31 7866

5571

7/31 ✓

5572

7/30 ✓

5573

7/31 ✓

5574

7/30 ✓

5575

Saturn

7/31 04N/12

B6335
5576 A 2-2-G-2-1-3-1

8/7 7869

Amg
 2.0%
 1.7%

Head Total 86335 7869				8/8	5577
✓				8/9	5578
✓	24.4 14.5 47.4 62.6	1-3, 5-4 6-2	- 4	8/8 bulked 9/15	5579 ✓ p/p *
✓				8/8	5580
7874	A 2-2-6-2-2-3-1			8/9	5581
✓	24.4 13.5	1-2, 5-3 6-2	- 2	8/7 bulked 9/15	5582 ✓ p/p *
✓				8/7	5583
✓				8/6	5584

Amy
 2.020
 1.770

				Head Total
B6335	5	CI 9545 x	Dawn	
5585		8/7	25.8	7874
✓			10.0	
*p/p	bulked 9/15		1-3, 2-5, 3-7	48.6
			5-2, 1-7	642
5586		7/30		7879
5587		7/31		-
5588		8/1		-
5589		8/1		-
5590		8/1		✓
5591	IRRI CROSS	8/3		7884
	B572 A3-47.15 X 8/B-25			
5592		8/3		✓

36335 7884	FRRT Conc	8/4	5593
✓	tall & web	8/3	5594
✓		8/3	5595
7889	FRRT Conc	8/4	5596
✓	taller, web, chubb	8/5	5597
✓		8/5	5598
✓		8/5	5599
✓		8/3	5600

~~B6335~~ IKRI Cor.

5601

~~CI 9545~~ Dawn

8/6

7893

5602

8/5

✓

5603

*small info.
Darker sky mod.*

8/6

✓

5604

✓
*k/p

8/4

✓

5605

8/4

✓

5606

8/7

7894

5607

gummed good

8/6

✓

5608

8/5

✓

7893 7894	IRRT Coors	8/4	5609	✓ p/p *
✓		8/5	5610	
7897	IRRT	8/6	5611	
✓		8/4	5612	✓ p/p *
✓	same day info	8/5	5613	
✓		8/5	5614	
✓		8/4	5615	
7907	B6335A1-3-2-1-Bh-3-1	8/4	5616	

Amy
 2.00
 1.790

5617	B6335	8/4	CI 9545 x Dawn 7907	
5618		8/5		✓
5619	Excellent plant; most challenging - 4	8/5	24.4 12.0	✓
5620	✓ * 8/8 bulkcd 9/15	8/4	1-4, 4-5 5-21-4	✓
5621	A1-1-3-1-4-5-Mo.4-B1-1	8/4		7917
5622		8/4		✓
5623	generally excellent but prod. falling; maybe	8/4		✓
5624	✓ * 8/8 bulkcd 9/15	-4 8/4	24.2 10.0	✓
			6-7 6-6	

Amy
 Def - 2.0%
 acc - 1.7%

✓	B6325 7917		8/9	5625	
✓	7923	A1-1-7-2-3-Mo.5-Bk-1	8/4	5626	
✓			8/5	5627	
✓		Spallent, 28; Shelly	8/8	5628	
✓	24.2 10.0	-4	8/8	5629	✓
	6-7 1-5, 5-6	bulkcd	9/15		pk *
✓			8/8	5630	
✓	7928	A1-1-9-2-5-Mo.3-Bk-1	8/4	5631	
	115				
✓	26.2 16.5	-2	8/3	5632	✓
	6-7 5-6, 1-7	bulkcd	9/15		pk *

B6335 5633		CI 9545 x Dawn 8/4 7928	
5634	spilled & meat not eating?	8/4	✓
5635		8/3	✓
5636	Bluebelle	8/4	7d.
B6335 5637		8/5	7925
5638	brood eggs; chiding	8/3	✓
5639		8/5	✓
5640		8/5	✓

AMY
lost
ack 2.0%
1.7%

Head	Total					
✓	36335				8/5	5641
	7935					
	7940				8/5	5642
✓					8/3	5643
✓					8/4	5644
✓					8/5	5645
✓					8/4	5646
	19.0					
	B6334A 2-1-8-25-3-M3-Rb-1					CI 9545 X NOV 77
	B6335A 1-2-1-4-2-M3B-Bb-1					
7941	Spallant. clear mfgs;				8/1	5647
	high yield?					
57.3	29.5					
68.6	6-6 6-6				bulked 9/15	
					-2	
✓					8/1	5648

Poorer, dry bulky

taller



Note: 5647 thru 5656 are strains and
 appear to be from C.I. 9545 x Nova Cross!

Corrected ↑

Amy
 Dec. 2.070
 1.790

				Head	Total Nov 17
B6334A - 5649	3 taller	8/2	CI 9545 x Nov 17	7941	
5650	-4	7/31	19.0 29.0	✓	
☆ x p/p	bulked 9/15		6-6 2-5, 4-6	60.8 69.6	
5651	-5	8/2		✓	
B6334A 2-1-8-25-3-M4-B6-1, 5652	A 2-1-4-2-M4-B6-1 shorter; apical branched panicle; long shallow lobes?	7/30	CI 9545 x Nova	7943	
5653		-2 8/2		✓	
5654	apical of of	-3 8/3	18.0 35.5	✓	
✓ * p/p	bulked 9/15		6-6 1-5, 8-6	66.8 71.0	
5655		7/31		✓	
5656		7/31		✓	

B6335 A1-2-4-1-1-1-No.3-Bk-1, CT.9545 X DAWN
7948 8/6 5657

-2

8/8

5658

✓
Vp *

8/8

5659

8/7

5660

8/8

5661

A1-2-2-3-1-No.2-Bk-1

7957

8/8

5662

8/8

5663

8/8

5664

Amg
Jord
out 2.0%
1.79%

				Head Total
B6335 5665		CI 9545 x Dawn	8/8	7957
5666	✓ * p/p	nick left quite tall - 5	8/8	✓
5667		A13-3-2-2. Mo. 3-12-1	8/9	7972
5668			8/7	✓
5669	✓ * p/p bulkied 9/15	- 3 8/6	25.2 16.5	✓
5670	✓	3-3, 3-4 6-2	50.7 65.6	✓
5671		8/6		✓
5672		8/4		7981

36335
7981

8/3

5673

✓

8/3

5674

✓

8/6

5675

handy study

✓

8/5

5676

Dawson

Ed.

8/8

5677

335
7990

8/3

5678

✓

8/3

5679

study

✓

8/3

5680

5681	<i>B6335</i>	<i>CI9545 x Dawn</i>	<i>7990</i>
5682		<i>8/4</i>	<i>✓</i>
5683	<i>A1-3-10-1-4-Mo.2-Bk-1</i>	<i>8/3</i>	<i>8002</i>
5684		<i>8/6</i>	<i>✓</i>
5685	<i>✓</i> <i>*8/10</i>	<i>-3</i> <i>8/4</i>	<i>✓</i>
5686	<i>Excellent plant;</i> <i>small dense mfg.</i>	<i>8/5</i>	<i>✓</i>
5687		<i>8/4</i>	<i>✓</i>
5688	<i>A1-3-10-2-3-Mo.5-BK-1</i>	<i>8/5</i>	<i>8010</i>

Amy
 2.0%
 1.7%

36335					
8010				8/7	5689
✓	25.8 11.0	-3		8/5	5690 ✓
	6-7 5-6, 1-7			bulked 9/15	8/8 *
✓				8/7	5691
✓				8/5	5692
8018					
				8/5	5693
✓				8/7	5694
✓	25.2 12.0	-3		8/7	5695
	6-7 1-6, 5-7			bulked 9/15	8/8 *
✓				8/10	5696

B6335 5697		CI9545 x Dawn 8/7	8018
5698	A1-4-7-1-3-Mo. 2-Bk. 1	8/3	8022
5699 ✓ * 8/10		-2 8/4	✓
5700 Good plants, but some very drying; might be leaves?		8/4	✓
5701		8/6	✓
5702		8/4	✓
5703	A1-4-10-1-4-Mo. 3-Bk. 1	8/4	8030
5704		8/3	✓

Amy
 2.8%
 1.7%

✓	80335 8030			8/3	5705
✓	25.8 16.0 6-7 6-6	Efficient plant; myx	-4	8/3	5706 ✓ 7/4 *
✓				8/4	5707
	8034	A1-5-4-1-2-Mo2-Bk-1		8/4	5708
✓				8/3	5709
✓		Efficient plant; myx	-3	8/4	5710 ✓ 7/4 *
✓				8/3	5711
✓				8/3	5712

5713	B6335 A1-5-4-1-2-Mo.4-B1-1	CI9545 x Darn	8036
5714		7/29	✓
5715	✓ *8/8 Excellent plants, 1 mg/6	3 8/1	✓
5716		8/1	✓
5717		8/3	✓
5718		8/3	8041
5719	Very healthy	8/3	✓
5720		8/3	✓

Amy
 Ind. 2.070
 alk. 1.770

8041	B6335			8/3	5721
✓		very shaly		8/3	5722
8046	A1-5-4-1-3-10.5-21-1			8/3	5723
✓				8/3	5724
✓	24.4 20.0 12.5-3x 6-2	plants; shaly	-3	8/3	5725
✓			bulkied 9/15	8/3	5726
✓				8/3	5727
4N12	Saturn			8/3	5728

5729	B6335 A1-6-2-5-1-Mo3-Bb-1 CI 9545 x Dawn 8/6 8049 ✓ *p/p
5730	8/7 ✓
5731	8/4 ✓ <i>Excellent plants; lots</i>
5732	8/4 ✓
5733	8/6 ✓
5734	A1-6-2-5-4-Mo.1-Bb-1 8/4 8054
5735	-2 8/5 ✓ ✓ *p/p <i>Excellent; lots questionable chilly?</i>
5736	8/6 ✓

86335 8054				8/6	5737
✓	Excluded			8/6	5738
8058	A1-6-2-5-4-Mo.5-Bk-1			8/6	5739
✓				8/5	5740
✓	Excluded plants; 1966 cherry			8/6	5741
✓				8/6	5742
✓		-5		8/7	5743
8060	A1-6-3-2-5-Mo.2-Bk-1			8/4	5744

Amy
 Isd - 2.0%
 ack - 1.7%

5745	B6335 ✓ *p/p bulked 9/15	-2	CI 9545 x Dawn 8/3 25.2 18.0 6-7 6-6	8060	
5746			8/4		✓
5747	Excellent plants; myto healthy?		8/3		✓
5748			8/3		✓
5749	A1-6-3-2-5-110.5-1		7/31		8063
5750			8/3		-
5751	Excellent plants; myto healthy? ✓ *p/p bulked 9/15	-3 8/4	23.8 17.5 6-7 5-6; 1-7		✓
5752			8/3		✓

Amg
 lost - 2.0%
 all - 1.7%

86335 8063		8/4	5753
8227	C.I. 9545	8/2	5754
86335 8067	A1-6-3-5-2-Mo. 4-Ok-1	8/4	5755
✓		8/5	5756
✓		8/4	5757
✓		8/5	5758
✓	24.8 14.0	-5 8/5	5759
8071	6-7 6-6 A1-7-3-1-3-Mo. 3-Bd-1	8/7	5760

Spulent plants

boxed 9/15

8/6 *

AMY
 2.0%
 1.7%

B6335 5761 ✓ * 8/8	-2 bulkcd 9/15	CI9545 x 8/7 24.8 14.0 6-7 4-6, 2-7	Dawn 8071
5762	Expendent plants; info	8/7	✓
5763	Expendent plants; info	8/9	✓
5764		8/7	✓
5765	A1-7-3-1-4-11.5-82-1	8/9	8080
5766		8/11	✓
5767 ✓ * 8/8	Expendent plants; info bulkcd 9/15	-3 8/10 25.2 13.5 6-7 6-7	✓
5768		8/7	✓

Amg
 Jod - 2.0%
 alk - 1.7%

B6335 8080			8/5	5769
8083	A1-8-6-3-1-Mo 3-BK-1		8/4	5770 ✓ p/p *
-			8/4	5771
-	Don't remember string mine 8/5		8/4	5772
-			8/4	5773
-			8/5	5774
YN 9	Nato 16.4 49.0 6-6 1-4, 5-5		8/6	5775
B6335 8088	A1-8-7-3-1-Mo 3-Bk-1		8/5	5776 bulked 9/15

<i>B6335</i> 5777		CI 9545 x 8/6	<i>Dawn</i> 8088
5778	<i>more study, four points</i>	8/4	✓
5779		8/7	✓
5780		8/5	✓
5781	<i>A1-8-7-3-5-Mo. 3-22-1</i>	8/3	8093
✓ * 8/8			
5782		8/2	✓
5783	<i>Most good; 4th ok.</i>	8/3	✓
5784		7/31	✓

Amy
 36335
 8093
 alk - 2.0%
 1.7%

36335
 8093

8/3

5785

8099

A2-1-3-2-1-Mo2-BK-1

8/9

5786

✓
 8/8 *

-2

8/9

5787

-3

8/6

5788

-4

8/6

5789

-5

8/10

5790

8105

A2-2-3-4-5-Mo3-BK-1

8/9

5791

25.2

12.0

-2

8/7

5792

6-7

5-6, 1-7

bolked 9/15

✓
 8/8 *

56335
5793

CI 9545 x *Dawn*
8/6 8105

5794

Good plant; good lft

8/6

✓

5795

8/6

✓

5796

IARI Cross

B572A3-47-15 X 8/13.25 8/6

8120

✓
* 8/8

PROBABLY AN F8

5797

8/4

✓

5798

*myths; some dead?
plant good*

8/4

✓

5799

8/5

✓

5800

8/6

✓

Amy
 Sol. - 2.0%
 alk - 1.7%

Head	Total					
✓	36334	A1-1-2-1-4-3-1	CE 9545 x	8/3	Nova	5801
	8134					
✓				8/3		5802
✓				8/3		5803
✓	19.6 21.0			8/3		5804
✓	56.2 73.8	6-6 1-5, 5-6	bulk	9/18		5805
				8/3		5806
	8139	A1-1-2-1-6-3-1		8/3		5807
✓				7/30		5808
✓				8/2		5809

Amg
Isd. 2.070
alk 1.790

				Head Total
B6334 A1-1-2-1-6-3-4 5809		8/3	CI 9545 x 11000 8/39	
5810	<i>pot. may short</i> -5	8/4	19.0 24.0	✓
✓ * p/p 5811	bulked 9/18 A1-1-2-1-7-3-1	8/2	6-6 59.4 6-6 72.3	
5812	-2	8/2		✓
5813	<i>pot. may short</i> -3	7/30		✓
5814	-4	8/2		✓
5815	-5	7/30	20.2 24.0	✓
✓ * p/p 5816	bulked 9/18 A1-1-2-1-8-5-1	8/4	6-6 57.4 1-5, 5-6 71.4	

Amy
 Ind: 2.0%
 alk: 1.790

Head	Total				
B6334	A1-1-2-1-8-5-2			8/4	5817
8151					
		-3		8/4	5818
	19.0				
	27.5	-4		8/4	5819
53.4	6-6				
72.4	6-6			bulk ed 9/18	
		-5		8/3	5820
8154	A1-1-2-1-9-2-1			7/30	5821
	19.0	-2			
	27.0			8/3	5822
53.6	6-6				
205-5,1-6				bulk ed 9/18	
		-3			
				8/2	5823
	19.4	-4			
	26.0			7/31	5824
48.4	46.2-7				
71.6	6-5			bulk ed 9/18	

Amy
 2.0%
 1.7%

				Head Total Nova
B6334 5825		CI 9545x 8/3		8154
5826	70 uyn 116 bulked 9/18	7/27	17.0 49.0	1403 56, 1-7 61.5 4-5, 2-6 69.4
B6334 A1-1-2-1-11-3-1 5827		8/3		8160
5828		- 2 8/4		✓
5829	mod. short bulked 9/18	- 3 8/2	19.0 23.5	✓
5830	✓ * 8/8	- 4 8/4	6-6 5-5, 1-6	43.2 73.4
5831		- 5 8/4		✓
5832		7/30		8166

B6334
8166

7/31

5833

7/31

5834

8/1

5835

7/30

5836

A1-1-2-2-2-5-1

8172

7/31

5837

-2

7/31

5838

-3

7/29

5839

-4

7/30

5840

Amy
 Issd: 2.0%
 alk: 1.7%

				Head Total
5841	B6334 A1-1-2-2-2-5-5 ✓ * 2/18 bulked 9/18	8/3	CI 9545 x 18.6 35.0 6-6 6-5	8172 68.8 73.1
5842	A1-1-2-2-3-4-1	7/30		8178
5843	-2	7/30		✓
5844	-3	7/30		✓
5845	-4	7/30		✓
5846	-5	7/30		✓
5847	A1-1-2-2-4-4-1	7/31		8183
5848	-2	7/30		✓

Amy
 2.070
 1.770

Head	Total				
B6334	8183	A1-1-2-2-4-4-3		7/30	5849
✓	17.0 36.0 6-6	.4		7/29	5850
56.2 71.9	6-5	bulkcd 9/18			✓ p/p *
✓		.5		7/30	5851
8186	A1-1-2-2-6-2-1			7/30	5852
✓	18.0 31.0 3-6, 3-7	-2		8/7	5853
70.2 73.0	4-5, 2-7			bulkcd 9/18	✓ p/p *
✓		-3		7/28	5854
✓		-4		7/28	5855
✓	18.6 35.0	-5		7/28	5856
67.9 73.0	4-6, 2-7 2-5, 4-6	bulkcd 9/18			✓ p/p *

3/334
5857

CI 9545 x Nova
8/3 8194

5858

8/13

✓

5859

ref; mod. at.

8/12

✓

5860

8/13

✓

5861

8/11

✓

5862

A1-1-2-2-9-2-1

8/2

8196

5863

-2

7/31

✓

5864

-3

7/30

✓

AMY
 load 2.0%
 alk 1.7%

Head Total						
86334	A1-1	2-2-9	2-4		7/30	5865
8196	18.6					
	30.0					
56.6	46.2-7					
73.4	5-5, 1-6			bulkcd 9/18		✓ Pb *
✓				-5	7/31	5866
8203	A1-1	2-2-10	-3-1		7/27	5867
✓				-2	7/29	5868
✓				-3	7/30	5869
						✓ Pb *
✓				-4	7/28	5870
✓				-5	7/27	5871
424	Nova 66				8/2	5872
	46.5					
63.7	6-6					
69.6	6-5			bulkcd 9/18		

5873	B6334 A1-1-3-1-3-4-1	CI 9545 x	Nova 8209
5874	-2	8/1	✓
5875	-3	8/2	✓
5876	-4	8/2	✓
5877	-5	8/2	✓
5878	A1-1-3-1-4-4-1	8/2	8214
5879	-2	7/30	✓
5880	-3	7/30	✓

86334 8214				7/30	5881
✓				7/30	5882
8219	A1-1-3-2-2-4-1			8/3	5883
✓		-2		8/3	5884
✓		-3		8/3	5885
✓	myf. mod. lit.	-4		8/3	5886 ✓
✓		-5		8/2	5887
8221	A1-1-3-2-5-1-1			8/2	5888

Amy

5889	86334 R1-1-3-2-5-1-2	8/1	CI9545x No20	8221
5890	-3	8/2		✓
5891	myf; mod. 2nd -4	8/1		✓
5892	-5	7/30	16.0	✓
5893	R1-1-3-4-3-2-1	7/30		8229
5894	myf; mod. 2nd 29 -2	7/30		✓
5895	-3	7/30		✓
5896	-4	7/30		✓

Amy
 Ind. - 2.0%
 and - 1.7%

Head	Total					
86334		-5			7/30	5897
8229						
8232	A 1-1-3-4-3-5-1 18.4 26.0				7/31	5898
53.5	6-6					✓
74.5	6-5	bulked	9/18			JP *
-			-2		8/3	5899
✓			-3		8/2	5900
-			-4		8/3	5901
✓			-5		8/4	5902
8235	A 1-1-3-5-1-3-1				8/5	5903
✓			-2		7/31	5904

5905	B6334 A1-1-3-5-1-3-3	CI9545x	Nov 8235
5906	4	8/1	✓
5907	-5	8/4	✓
5908	A1-1-3-5-4-3-1	8/4	8240
5909	-2	8/1	✓
5910	-3	8/2	✓
5911	-4	7/31	✓
5912	-5	8/2	✓

AMY
 2.020
 1.7070

Head						
Total						
86334	A1-1-3-6-2-5-1			7/31		5913
8247						
✓			-2	7/30		5914
✓			-3	8/2		5915
✓			-4	8/1		5916
✓	22.0		-5	7/29		5917
	23.0					
54.3	6-7					8/p *
68.8	6-7		bulked 9/18			
8250	A1-1-3-6-5-3-1			8/3		5918
✓			-2	8/3		5919
✓			-3	8/4		5920

myth; short, intensity?

myth; short
 shorter?

Amy
 2.0%
 1.7%

				Head Total
B6324 5921		CI 9545 x	8/3	8250
5922	neg; short		8/3	✓
5923	A1-1-3-7-1-5-1		7/29	8257
5924		-2	7/30	✓
5925	neg; short	-3	7/30	22.6 18.5 ✓
✓ x p/p	bulked 9/18			6-7 528 2-5, 4-7 69.3
5926		-4	7/31	✓
5927		-5	7/30	✓
5928	CI 9545		8/5	8227

86334 A1-1-3-7-3-2-1
8259

7/30

5929

✓
7/30 *

-2

7/29

5930

-3

7/30

5931

mod. mod. det

-4

7/30

5932

-5

7/31

5933

8266

7/31

5934

8/1

5935

mod. mod. tall
more weight

8/1

5936

Amy
 Lod. 2.070
 Oak 1.770

				Head Total
36334 5937		CI 9545 x 8/1		8266
5938	med. tall	8/1		✓
5939	A1-1-5-2-1-3-1	7/27		8270
5940	-2	7/27		✓
5941	-3 info; short; short?	7/27		✓
5942	-4	7/28	19.6 35.5	✓
✓ x p/p 5943	bulked 9/18 -5	7/28	5-6, 1-7 6-5	65.2 69.8 ✓
5944	A1-1-5-2-3-3-1	7/27		8277

Amy
 Ind. 20 20
 alt 1.7%

Head	Total					
✓	86334 8277	A1-1-5-2-3-3-2		7/27		5945
✓			-3	7/27		5946
✓			-4	7/27		5947
✓	23.4 19.0		-5	7/27		5948
✓	62.5 71.4	2-6,4-7 1-6,5-7 A1-1-7-2-2-5-1		8/2		5949
✓	8284		-2	7/30		5950
✓			-3	7/30		5951
✓			-4	7/30		5952

Amy
led. 2.070
out 1.790

				Head Total
B6334 5953		CI 9545 x Nova 8/3		8284
5954	A 1-1-7-2-4-4-1	8/4		8288
5955	-2	8/2	16.0 57.0	✓
✓ x p/p 5956	bulked 9/18		6-6 65.0 6-5 69.8	✓
5957	-3	8/4		✓
5958	-4	8/3		✓
5959	-5	8/4		✓
5960		8/3		✓

B6334 8299				8/3	5961
✓				8/5	5962
✓				8/4	5963
8303				8/5	5964
✓				8/6	5965
✓				8/6	5966
✓				8/7	5967
✓				8/10	5968

Amy
all 2.070
1.770

				Head total
B6334 A1-1-7-6-1-1-1	CI 9545	7/28		8310
5969				
5970		7/29		
5971		7/27	16.0 46.0	57.4 72.0
5972		7/29		
5973		7/28		
5974	Saturn	8/1	16.0 50.0	67.1 71.6
5975		8/2		8318
5976		8/1	18.6 38.0	69.8 72.2

Amy
 2.020
 1.770

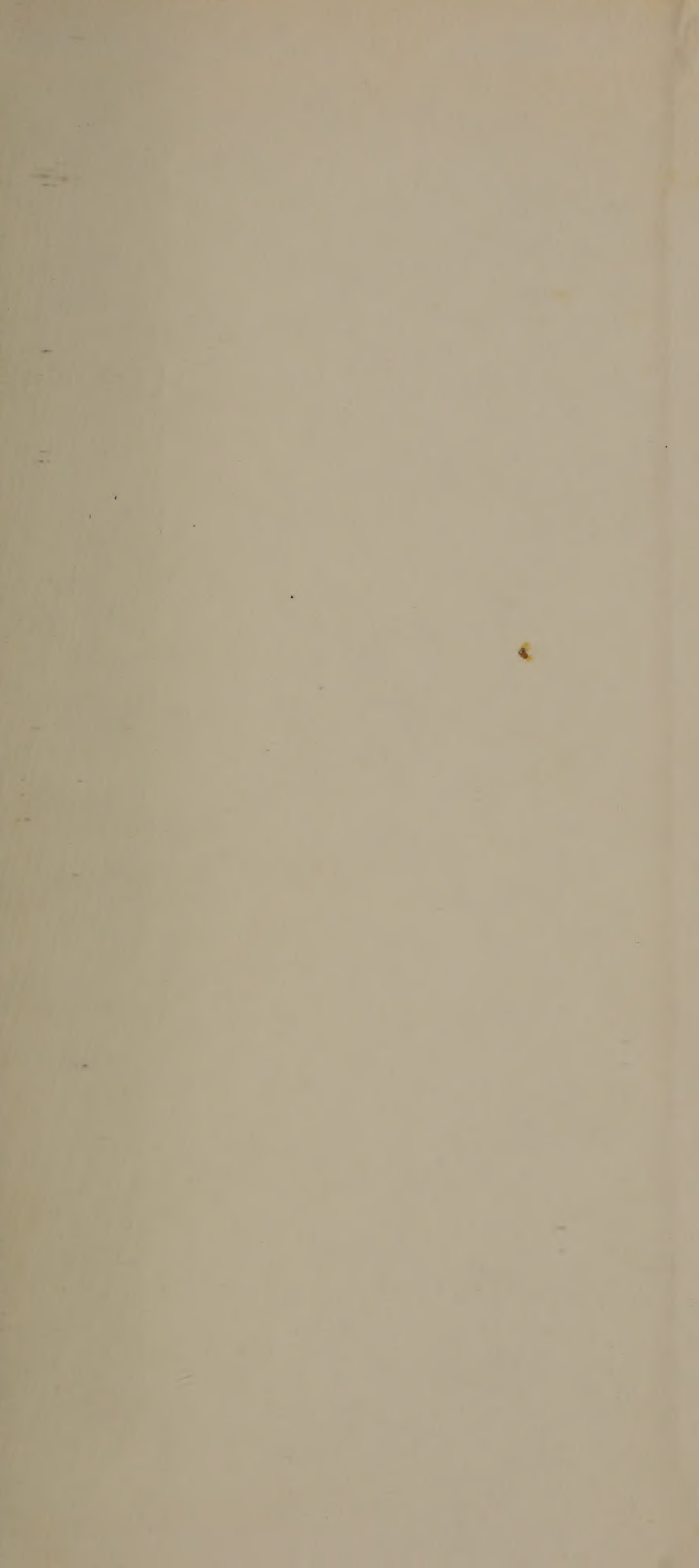
Acad	Total				
✓	86334 8318	A1-1-7-7-2-4-3	8/3	5977	
✓		-4	8/3	5978	
✓	16.6 53.0	-5	8/2	5979	✓
	67.9 71.6	6-6 5-5, 1-6	bulked 9/18		W/p *
	8309	A1-1-7-5-2-5-1	8/9	5980	
✓	15.6 44.5	-2	8/10	5981	✓
	63.6 71.0	4-6, 2-7 6-5	bulked 9/18		W/p *
✓		-3	8/9	5982	
✓		-4	8/10	5983	
✓		-5	8/8	5984	

Amy
 2.0%
 1.7%

				Head Total
5985	B6334 A1-1-9-1-3-2-1	CI 9545 x	8/3	8321
5986	- 2	8/4	18.0 49.0	✓
✓ *p/p	bulked 9/18		6-6 6-5	66.2 71.6
5987	- 3 mfg. mod. 23. dent	8/4		✓
5988	- 4	8/3		✓
5989	- 5	8/3		✓
5990	A1-1-9-3-4-2-1	8/3		8328
5991	- 2 mfg. mod. 23. dent	8/3		✓
5992	- 3	8/3		✓

AMY
 Jody
 add - 2.0%
 1.7%

Head	Total					
✓	36334	A1-1-9-3-4-2-4	8/3	5993	✓	
	8328					
✓		-5	8/3	5994		
	8338	A1-1-9-5-3-2-1	7/31	5995		
✓		-2	7/31	5996		
✓		-3	7/30	5997		
✓		-4	8/3	5998		
✓	16.6 35.5	-5	7/30	5999	✓	
	59.0 70.6	5-6, 1-7 1-5, 5-7	bulked 9/18			
	8344	A 2-1-2-3-2-3-1	7/31	6000		



Complete

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

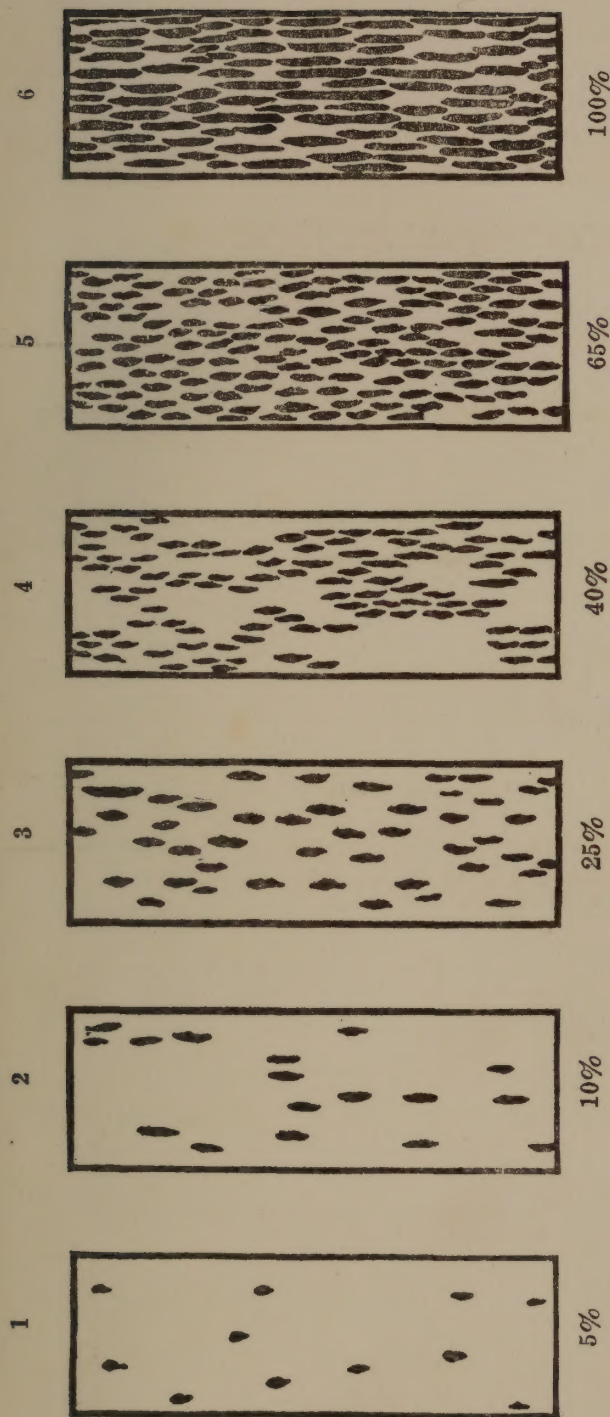


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Amg
 Incl. - 2.0%
 alk. 1.7%

				Head Total
6001	B6334A2-1-2-3-2-3-2	CI 9545 x	8/2	Nova 8344
6002	-3	7/31	16.6 46.0	✓
✓ *p/p	bulked 9/18		6-6 6-5	66.2 70.2
6003	-4	7/30		✓
6004	-5	7/30		✓
6005	A2-1-6-2-2-3-1	7/31		8349
6006	-2	7/30		✓
✓ *p/p				
6007	-3	8/2		✓
6008	-4	8/1		✓

86334
8349

7/30

6009

8356

A2-1-6-2-4-4-1

7/30

6010

✓

-2

7/31

6011

✓

-3

7/31

6012

✓

-4

8/1

6013

✓

-5

7/31

6014

✓
8/1 *

8361

A2-1-6-3-4-4-1

8/2

6015

✓

-2

8/2

6016

Amy
 Job
 alk - 2.0%
 1.7%

				Head Total Nova
6017	B6334 A2-1-6-3-4-4-3	CI 9545 x	8/1	8261
6018	info; mod. short -4		8/3	✓
6019	✓ * 7/8	bulked 9/18	5 8/2	18.6 34.0 ✓
6020	A2-1-6-6-1-3-1		7/31	6-6 54.4 6-5 66.6 8365
6021	✓ * 7/8	-2	8/1	✓
6022		-3	8/1	✓
6023	info; mod. short; alg. color -4		7/31	✓
6024		-5	7/31	✓

Amy
 2.0%
 1.7%

Head Total					
uyn 9	Nato 16.0 50.0			8/7	6025
67.1 71.2	5-6, 1-7 6-5		bulked	9/18	
8333 8370	A 2-1-6-6-5-3-1			8/1	6026
✓		-2		8/2	6027
✓	23.2 14.0	-3		7/31	6028
61.4 69.9	2-6, 4-7 6-7		bulked	9/18	✓ 1/8 *
✓		-4		7/30	6029
✓		-5		8/1	6030
8374	A 2-1-6-8-4-1-1 24.2 15.0			8/4	6031
50.2 69.0	6-7		bulked	9/18	✓ 1/8 *
✓		-2		8/4	6032

Amy
 Incl. 2.0%
 alk. 1.7%

				Head Total
6033	8/3	CI 9545 x	8374	✓
6034	8/2			✓
6035	8/2			✓
6036	8/1		8380	
6037	8/3			✓
6038	8/3			✓
6039	8/3			✓
6040	8/2	18.6 26.0		✓
		3-6, 3-7 6-5	54.6 68.2	

60334

6033

8/3

CI 9545 x

8374

6034

8/2

✓

6035

8/2

✓

6036

A2-1-6-8-5-2-1

8/1

8380

6037

-2

8/3

✓

6038

-3

8/3

✓

6039

-4

8/3

✓

6040

-5

8/2

18.6

26.0

✓

✓ * JP

bulkied 9/18

3-6, 3-7

6-5

54.6

68.2

Amy
 2.070
 1.790

Head Total B6334 8386	A2-1-8-1-1-3-1		7/30	6041
✓	21.4 23.5	-2	7/29	6042
58.6 71.4	6-6 6-5	-3	bulked 9/18	6043
✓		-4	7/30	6044
✓		-5	7/30	6045
8389	A2-1-8-1-3-1	-1	7/30	6046
✓		-2	7/31	6047
✓	18.6 32.5	-3	7/31	6048
64.6 73.7	6-6 6-5		bulked 9/18	

Amy
 Ind. 2.0%
 alk 1.7%

				Head Total
96334 6049		CI 9545 x	7/30	Roma 8389
6050			7/27	✓
6051	A2-1-f-1-4-3-1		8/8	8396
6052	-2		8/7	23.8 19.0 ✓
✓ * 8/8	bulked 9/18			6.7 6-7 64.6 71.3
6053	-3		8/7	✓
6054	-4		8/9	✓
	myto, med. st, shed flax			
6055	-5		8/10	✓
6056	A2-1-f-6-2-1-1		7/30	8404

AMY
 2.0%
 1.7%

Head	Total					
36334	A2-1-8-6-2-1-2					
8404	17.6				7/31	6057 ✓
	27.5					
64.2	6-6				bulked 9/18	☆
71.5	6-5				P/P *	
	18.6			-3		
✓	28.0				7/30	6058 ✓
65.6	6-6				bulked 9/18	☆
71.2	6-5					
✓				-4	7/28	6059
✓				-5	7/29	6060
8413	A2-1-8-6-4-5-1				8/2	6061
✓	18.6			-2	7/30	6062 ✓
	31.5					
66.2	6-6				bulked 9/18	☆
70.9	6-5					
✓				-3	7/28	6063
✓	18.0			-4	7/30	6064 ✓
	36.5					
64.8	6-6				bulked 9/18	☆
70.9	1-4, 5-5					

Amy
 lead 2.0%
 oak 1.7%

				Head Total
B6334 6065		7/29	CI 9545 x Nova	84/3
6066	A2-1-8-f-3-2-1	7/28		84/5
6067	-2	7/27		✓
6068	-3	8/2		✓
6069 ✓ * 8/18 my 5, adult	-4	7/28		✓
6070 ✓ * 8/18 barked 9/18	-5	7/26	18.4 42.5 5-6, 1-7 63.9 6-5 71.0	✓
6071	A2-1-8-f-3-5-1	7/30		84/8
6072	-2	7/29		✓

Amy
 Int. 2.0%
 ask. 1.7%

Head Total						
86334 8418	A2-1-8-8-3-5-3			7/28	6073	
—	17.6 39.0 6-6	—4		7/30	6074	☆
62.7 70.4	5-5, 1-7			bulked 9/18		* p
—		-5		7/30	6075	
Ed	Bluebelle			8/2	6076	
86334 8421	A2-1-8-9-3-3-1			7/27	6077	
—		-2		7/27	6078	
—	18.4 39.0 6-6	-3		7/26	6079	☆
63.3 72.8	6-5			bulked 9/18		* p
—		-4		7/27	6080	

AMY
 2020
 1.79%

				Head Total
B6334 6081	/	7/27	CI 9545 x Nova	8421
6082	A2-1-8-11-2-4-1	7/28		8428
6083	-2 ✓ * p/p ☆ bulked 9/18	7/29	18.6 33.5 6-6 6-5	✓ 66.2 72.6
6084	-3	7/27		✓
6085	-4 magenta dust	7/29		✓
6086	-5 ✓ * p/p ☆ bulked 9/18	7/29	18.6 33.5 6-6 1-4, 5-5	✓ 63.0 71.4
6087	A2-1-8-11-5-2-1	7/27		8421
6088	-2	7/30		✓

Amey
 2.0%
 1,790

Head	Total					
863	34	A2-1-8-11	5-2-3			
8431	17.8			7/30	6089	✓
63.4	39.0					✓
71.0	6-6			bulked 9/18		7/30 * ☆
1-4, 5-5						
	17.8		-4	7/29	6090	✓
646	36.5					7/30 * ☆
71.0	6-6			bulked 9/18		
	6-5		-5	7/30	6091	
8437		A2-1-8-18-1-3-1		7/28	6092	
			-2			
				7/28	6093	
	17.8		-3			
65.8	38.5			7/30	6094	✓
72.6	6-6			bulked 9/18		7/30 * ☆
	6-5					
	15.2		-4	7/30	6095	✓
	40.0					7/30 * ☆
67.2	6-6			bulked 9/18		
71.6	1-4, 5-5		-5	7/29	6096	

Amy
 Dad.
 ask 2.0%
 1.7%

				Head Total
B6334A2-1-8-18-4-2-1 6097		CI 8545 X 7/30		Nova 8441
6098	-2	8/1	18.0 36.5	✓
☆ * p/p bulked 9/18			3-6, 3-7 6-5	63.2 71.5
6099	-3	7/31		✓
6100	-4	7/31		✓
6101	-5	7/31		✓
6102	A2-1-8-25-3-2-1	8/3		8446
6103		-2 7/30		✓
6104		-3 7/30		✓

AMY
 2.0%
 1.7%

Head Total						
36334	A 2-1-8-25-3-2-4				7/28	6105 ✓
8446	16.4					
	35.0					
60.0	6-6					
69.6	6-5				bulked 9/18	
✓				-5	7/31	6106
8455	A 3-1-3-1-3-5-1				7/30	6107
-				-2	8/1	6108
✓				-3	7/31	6109
✓				-4	7/31	6110 ✓
✓				-5	7/31	6111
8477	A 3-1-3-7-1-1-1				7/31	6112

AMy
 2.070
 1.770

				Head Total
B6334 A3-1-3-7-1-1-2 6113		7/31	CI 9545 x Nova	8477
6114	-3	7/31		✓
6115	-4 <i>myx; mod. st; green</i>	7/30		✓
6116	-5 <i>*x/g</i>	7/31	17.6 26.5	✓
6117	A3-1-3-7-2-4-1 <i>bulked 9/18</i>	7/30	6-7 5-5, 1-7	54.1 67.0 8485
6118	-2	7/31		✓
6119	-3 <i>myx; mod. short</i>	7/28		✓
6120	-4	7/27		✓

Amy
 2.0%
 1.7%

Head	Total				
✓	36334 8485	A3-1-3-7-2-4-5 21.0 18.5	/	7/28	6121 ✓
	60.2 69.8	6-7 1-5, 2-6, 3-7 A3-1-3-7-5-4-1		bulked 9/18	6122 ✓
	8490			8/5	6122
✓			-2	8/3	6123
✓	64.3 69.8	22.6 15.0 6-7 6-6	-3	8/5	6124 ✓
✓			-4	8/7	6125
✓			-5	8/5	6126
44212	Saturn			8/2	6127
✓	36334 8494	A3-1-3-9-3-3-1		8/3	6128

B6334 A7-1-3-9-3-3-2
6129

CI 9545 x
7/31

Nova
8494

6130

-3

8/2

✓

✓

* 8/1

6131

mod. 4t; mod. 5t -4

8/1

✓

6132

-5

7/31

✓

6133

A7-1-3-10-4-3-1

8/2

8499

6134

-2

8/3

✓

6135

mod. 4t; mod. 5t
mod. 4t; mod. 5t
mod. 4t; mod. 5t -3

8/3

✓

6136

-4

8/1

✓

Amy
 lost.
 ask 2.0%
 1.7%

9

Head	Total					
✓	36334	A 3-1-3-10-4-3-5			8/5	6137 ✓
	8499	22.6				
		13.0				
62.4		6-7			butted 9/18	7/5 *
70.9		6-7				
8504		A 3-1-3-11-3-3-1			7/27	6138
✓			-2		7/27	6139
✓			-3		7/27	6140
✓			-4		7/29	6141
✓			-5		7/27	6142
8507		A 3-1-3-11-5-1-1			8/1	6143
✓			-2		8/1	6144

Amy
 9545
 all 2.0%
 1.7%

				Head Total
B6334 A3-1-3-11-5-1-3 6145		7/31	CI 9545 x Nova	8507
6146	<i>mfg; mod. 98; 2nd (head) smaller fan? relation?</i>	-4 7/30		✓
6147		-5 8/1		✓
6148	A 3-1-4-1-5-1-1	8/3		8512
6149	<i>bulked 9/18</i>	-2 8/2	32.5 32.5	✓
6150	<i>bulked 9/18; mfg; mod. 98; 2nd (head) smaller fan? relation?</i>	-3 8/3	5-6, 1-7 66.5 6-5 70.6 16.0 35.5	✓
6151		-4 8/4	6-6 66.9 6-5 70.4	✓
6152	<i>(bulk mod of 6149 out - 4) 6/50 of needed</i>	-5 8/2		✓

Amy
 lod.
 ash 2.070
 1.7070

Head Total						
44N 2	C. I. 9628 17.0 50.0			8/4	6153	
67.2 70.2	6-6 6-5			bulked 9/18		
Ad.	Belle Patna			7/26	6154	
B6334 8518	A3-1-4-2-3-2-1			7/30	6155	
✓			-2	7/29	6156	
✓	16.0 45.0		-3	7/30	6157	✓
62.4 71.8	6-6 6-5			bulked 9/18		pp *
✓			-4	8/1	6158	
✓			-5	7/31	6159	
8523	A3-1-4-3-3-2-1			8/3	6160	

AMY
 Ind. 2.070
 ash 1.790

			Head Total
6161	36334 A3-1-4-3-3-2-2 bulked 9/18 ✓ ☆ *p	8/4 -3 8/2	CI 9545 x Nova 17.6 8523 38.0 6-6 69.0 6-5 72.3
6162			✓
6163	mfg, mod. short, very mild short	-4 8/3	✓
6164		-5 8/3	✓
6165	A3-1-4-3-5-5-1	8/5	8522
6166	bulked 9/18 ✓ *p ☆	-2 8/3	18.4 35.0 6-6 62.4 6-5 72.8
6167	mfg, short, mild	-3 8/3	✓
6168		-4 8/4	✓

Amy
 July 2.070
 Aug 1.7070

Head Total					
86334 8532				8/2	6169
8539	A3-1-4-3-5-2-1			7/28	6170
✓			-2	8/1	6171
✓			-3	7/31	6172
✓			-4	8/2	6173
✓			-5	7/31	6174
8227	C.I. 9545			8/4	6175
62.4 70.2	23.2 14.0 6-7 6-7			bulkeed 9/18	
86334 8541	A3-1-4-3-5-4-1			7/28	6176

info. variable 24;
 more study on light

7/18 *

6177	B6334A3-1-4-3-5-4-2	7/31	CI 9545 x Nova 8541
6178	3	7/30	✓
6179	4 mags, shot, ofal. shot more study on egg	7/27	✓
6180	bulked 9/18 - 5	7/30	✓
6181	A4-1-3-1-4-2-1	8/1	8544
6182	2	7/30	✓
6183	3 mags, 4 tubes, mineral Jest	8/3	✓
6184	4	8/2	✓

B6334
8544

-5

8/2

6185

8548

A4-1-3-3-3-1-1

7/30

6186

✓

-2

7/28

6187

7/28 *

✓

-3

7/30

6188

myb, med. st.

✓

-4

7/30

6189

✓

-5

7/29

6190

A4-1-3-4-2-4-1

8557

8/6

6191

myb; med. st.

✓

-2

8/8

6192

AMY
Ind.
all 2.0%
1.79%

				Head Total
B6334 6193	A4-1-3-4-2-4-3	8/5	19545	x Nova 8557
6194 ✓ *p/p	bulked 9/18 info, mod. dist, nut	-4 8/6	23.8 15.0	✓
6195		-5 8/5	6-7 6-7	6/0 70.8 ✓
6196	A4-1-5-4-1-5-1	8/4		8563
6197		-2 8/4		✓
6198	info, mod. dist, nut all chaff?	-3 8/2		✓
6199 ✓ 2/8	bulked 9/18	-4 8/3	24.2 16.0	✓
6200		-5 8/5	6-7 6-7	6/0 69.2 ✓

Amy
 Job
 ask 2.02
 1.790

13

Head Total						
36334 8566	A4-1-5-5-1-3-1				8/4	6201
✓			-2		7/30	6202
✓ 62.2 69.4 1-6, 5-2	24.4 16.0 6-7	avg. dist. 1/2 mile but other info	-3		8/3	6203
✓			-4		bulked 9/21 7/28	6204
✓			-5		8/1	6205
8570	A4-1-5-5-4-2-1				7/29	6206
✓ 47.8 68.1	22.6 21.5 6-7 5, 1-2	avg. dist. 1/2 mile but other info	-2		8/3	6207
✓			-3		bulked 9/21 8/1	6208

AMY
 July - 2.070
 Aug - 1.770

				Head Total	
B6334 6209	A4-1-5-5-4-2-4	CI 9545	7/31	18.8 23.0 6-6 6-5	Nova 8570 44.8 72.5
✓ *p/p	bulked 9/21				
6210	5		7/31		✓
6211	A4-1-5-6-1-5-1		7/27		8579
6212	-2		7/26		✓
6213	-3		7/26		✓
6214	-4	mod. dist. mag. split water	7/26		✓
6215	-5		7/29		✓
✓ *p/p					
6216	A4-1-10-1-2-5-1		7/28		8589

B6334A4-1-10-1-2-5-2
8589

7/31

6217

-3

7/30

6218

-4

7/29

6219

-5

7/30

6220

✓
7/30 *

8592

7/30

6221

7/31

6222

7/27

6223

7/30

6224

B6334
6225

7/31

CI 9545 x Nova
8592

6226

Saturn

7/30

UYN 12

B6334
6227

8/1

8596

6228

7/31

✓

6229

7/31

✓

6230

7/30

✓

6231

8/2

✓

6232

7/30

8604

Ames
 Ind. 2.0%
 av. 1.7%

15

Head Total					
B6334 8604				7/30	6233
✓				7/31	6234
✓				7/28	6235
✓				7/28	6236
8614 21.4 18.5 50.7 2-6, 4-7 71.4 5-5, 1-6	174-1-10-3-2-5-1			7/28	6237 ✓
✓			-2	7/28	6238
✓			-3	7/28	6239
✓			-4	7/28	6240

ex. generally tagged + tilled

ex. mod. sh. 11.4

bulked 7/21 - 7/21 *

AMY
 Jod. 2.070
 alk 1.770

				Head Total
B6334 6241		CI 9545 x 7/28		Nova 8614
6242	A4-1-10-3-3-3-1	7/30		8617
6243	-2	7/31		✓
6244	-3 Xp; mod. short;	7/31		✓
6245	-4 ✓ * p/p balked 9/21	7/30	23.2 16.0	✓
6246	-5	8/1	6-7 6-5	29.4 69.4
6247	A4-1-10-3-3-5-1	7/30		8619
6248	-2 ✓ * p/p balked 9/21	7/30	22.6 20.0	✓
			3-6, 3-7 6-5	29.8 70.8

Amey
Jody - 2.0%
ack 1.7%

Head Total						
B6334 8619	A4-1-10-3-3-5-3			7/30		6249
✓			-4	7/28		6250
✓			-5	7/31		6251
8625	A4-1-10-4-2-1-1			7/30		6252
✓	17.0 39.0		-2	8/1		6253
61.2 69.8	6-6 6-5			bulkied 9/21		6254
✓			-3	7/30		6254
✓			-4	7/31		6255
✓			-5	7/31		6256

B6334 A4-1-10-5-1-2-1 6257		7/28	CI 9545 x Nov 8631
6258	-2	7/30	✓
6259	-3	7/28	✓
6260 ✓ *p/p	-4 <i>med. dot, mg reg. color</i>	7/28	✓
6261	-5	7/28	✓
6262	A4-1-10-5-2-3-1	7/28	8637
6263	-2 <i>med. dot, mg reg. color</i>	7/29	✓
6264	-3	7/30	✓

86334 8637	A 4-1-10-5-2-3-4	7/29	6265
✓	5	7/30	6266 ✓ p/p *
8644	A 4-1-10-5-4-5-1	7/29	6267
-	-2	7/30	6268
-	-3	7/31	6269
-	-4	7/30	6270
✓	-5	7/30	6271 p/p *
86334A-1-2-1-BA-3-1 8647		8/2	6272

Amy
 Jan
 alk 2.070
 1.790

				Head Total
6273	B6334A1-1-2-1-Bk-3-2	7/30	CI 9545	x Nova 8647
6274	-3 bulked 9/21	7/30	18.8 28.0	✓
6275	*p/p info, short; miller, send pointer	7/30	6-6 6-5	32.8 71.8 ✓
6276	-5	7/30		✓
6277	Nato	8/5		UYN9
6278	B6334A1-1-3-7-Bk-3-1	7/30		8654
6279	-20 small info; thick too	7/31		✓
6280	-3	7/31		✓

Amy
 2.070
 alk 1.770

Head Total					
36334A1-1-2 8654				7/31	6281
✓				7/31	6282
36334A2-1-8-17-12-4-1 8660 18.4 33.0 62.5 71.8 6-5				7/29	6283
				bulked 9/21	7/31 6284
			-2	7/29	6285
			-3	7/31	6286
			-4	7/30	6287
			-5	7/31	6288
58.2 71.2 36334A3-1-4 8663	18.6 32.5 6-6 6-5			7/31	6288

short mgt; high quality?

<i>B633493-1-4</i> 6289		7/30	<i>CI 9545 x Nov</i> 8663
6290		7/30	✓
6291		7/31	✓
6292		7/30	✓
<i>B633494-1-3</i> 6293		7/29	8676
6294		7/30	✓
6295		7/28	✓
6296		7/28	✓

B6334A4-1-3
8676

CI9545 x Nova
7/28 6297

B6334A4-1-5-Bk-Bk-2-1
8683

8/2 6298

✓

-2

8/3 6299

✓

-3

7/31 6300

✓

-4

8/3 6301

long

✓
*
7/7

✓

-5

8/3 6302

B6334A4-1-10-3-Bk-2-1
8688

8/7 6303

✓
*
7/7

✓

-2

8/7 6304

Avg.
 2.070
 1.790

				Head	Total
B6334A4-1-10-3 6305 ✓ *p/p	B6-2-3	8/5	CI 9545 x 1100	8688	
6306 ✓	-4 info; sent;	8/6			
6307 WT	-5	7/30			
6308 ✓ *p/p	P1-1-2-1-2-110.4- 64 -1 WT bulked 9/21	7/31	17.6 43.0	8694	
6309	-2 bulked 9/21	7/30	6-6 6-5	64.8 70.6	
6310 ✓ *p/p	-3 info; sent;	8/1			
6311	-4 mod. 4.4.200, same as 6305,	8/4			
6312	-5	8/1			

Amy
 Ind. - 2.0%
 alk - 1.7%

Head Total					
36 33 4A A1-1-2-1-6-Mo-4-Bk-1 8697				7/31	6313
✓	19.0 20.0 6-6 6314 and 43.6 6-5 71.4 (bulk - and of 6315 if needed)		-2 8/4		6314 ✓
✓	19.0 21.0 6-6 6315 if needed		8/1		6315 ✓
45.0 71.8 6-5	6-6 6315 if needed		bulk		☆
✓	mod. short; 2 1/2" using 100% meat; high injection?		-4 8/4		6316
✓	20.8 19.5		-5 8/3		6317
48.8 71.5	4-6, 2-7 6-5		bulked 9/21		7/21 bulked ☆ p/p *
8704	A1-1-2-1-13-Mo-4-Bk-1		7/30		6318
✓	19.0 27.0		WT		
25.6 70.6 6-5	6-6 6319 and right quarter		2 7/27		6319 ✓
✓			-3 7/30		6320

Amy

Jul: 2.072
 alk: 1.790

B6334A

6321

7/29

 9545 x Nova
 8704

6322

7/30

✓

6323

A1-1-2-2-4-Mo.1-BA-1

7/31

8706

6324

-2

7/29

-

6325

-3

7/30

-

6326

-4

7/28

-

right; small, dense for
 short

6327

-5

7/30

17.6

41.5

✓

✓

* p/p

bulked. 9/21

5-6, 1-7

6-5

6328

A1-1-2-2-6-Mo4-BA-1

7/28

8710

Amy
 11.770
 2.070

Head	Total				
36334	18.4	A1-1-2-2-6-Mo.4-2	7/28	6329	
8710	38.0				
45.3	6-6				
68.7	6-5		bulkcd 9/21		
✓			7/28	6330	
✓			8/2	6331	
✓			7/27	6332	
44N4	17.0	Nova 66	8/1	6333	
	45.0				
62.1	6-6				
69.4	2-4, 4-5		bulkcd 9/21		
36334		A1-1-2-2-9-Mo.5-2	7/31	6334	
8712					
✓			7/27	6335	
✓	17.2		7/31	6336	
	38.5				
43.4	6-6		bulkcd 9/21		
70.8	6-5				

B6334 6337		7/29	CI9545 x Nova 8715
6338		7/28	✓
6339 ✓ * 2/2	A1-1-3-2-2-Mo5-BA-1	8/4	8720
6340		-2 8/1	✓
6341		-3 8/3	✓
6342	med. adj.; myofib. deg. color; med.	-4 8/4	✓
6343		-5 8/4	✓
6344	A1-1-3-6-5-Mo.2-BAY	8/1	8722

Amg
Jal - 2.0%
alk 1.7%

Head	Total					
✓	86334	A1-1-3-6-5-Mo.2-Bk-2		8/3		6345
	8722					
✓				-3	8/3	6346
✓				-4	8/4	6347
✓				-5	8/1	6348
						pp *
	8730	A1-1-7-2-4-Mo.2-Bk-1		8/5		6349
✓	14.8 54.0			-2	8/5	6350
	63.2 70.5	6-6 6-5				bulked 9/21
✓				-3	8/1	6351
✓				-4	8/2	6352

Amy
 Josh
 alk - 2.070
 1.790

				Head Total
36334 6353		8/2	CI9545 x Nov	8730
6354	A1-1-7-5-2-Mo.2-Bk-1	8/8		8735
6355		-2 8/8	17.0 43.5	✓
✓ *p/h	bulked 9/21		56,1-7 6-5	63.5 72.3
6356		-3 8/10		✓
6357	myto. mod. 2d. 4th. ph. 4. 2d. 1st. 2nd. 3rd. 4th. 5th. 6th. 7th. 8th. 9th. 10th. 11th. 12th. 13th. 14th. 15th. 16th. 17th. 18th. 19th. 20th. 21st. 22nd. 23rd. 24th. 25th. 26th. 27th. 28th. 29th. 30th. 31st. 32nd. 33rd. 34th. 35th. 36th. 37th. 38th. 39th. 40th. 41st. 42nd. 43rd. 44th. 45th. 46th. 47th. 48th. 49th. 50th. 51st. 52nd. 53rd. 54th. 55th. 56th. 57th. 58th. 59th. 60th. 61st. 62nd. 63rd. 64th. 65th. 66th. 67th. 68th. 69th. 70th. 71st. 72nd. 73rd. 74th. 75th. 76th. 77th. 78th. 79th. 80th. 81st. 82nd. 83rd. 84th. 85th. 86th. 87th. 88th. 89th. 90th. 91st. 92nd. 93rd. 94th. 95th. 96th. 97th. 98th. 99th. 100th.	-4 8/8		✓
6358		-5 8/7		✓
6359	A1-1-7-7-2-Mo.5-Bk-1	8/2		8743
6360		-2 8/5		✓

Amg
 Incl. 2.070
 Ack 1.770

Head Total					
36334	17.0	-3		8/1	6361
8743	45.0				✓
69.6	4-6, 2-7				bulked 9/21 1/2 *
72.2	6-5				
✓		-4		8/3	6362
		sent 1			
✓		-5		8/1	6363
8750	A2-1-2-3-2-Mo.5-Bk-1			7/31	6364
				WT	
		-2		7/30	6365
✓		-3		7/31	6366
		-4		7/29	6367
	45.0				✓
61.8	6-6				bulked 9/21 1/2 *
68.5	6-5				
✓		-5		7/31	6368

Amg

B6334A2-1-6-3-4-11.5-11-1 6369		8/2	CI 9545 x Nov 8755
6370		-2 7/31	✓
6371	mod. top number 72, magn. 1.25	-3 8/2	16.6 ✓
6372		-4 8/1	✓
6373 ✓ * p/p		-5 7/31	✓
6374	C.I. 9545	8/6	8227
B6334A2-1-8-1-1-11.5-11-1 6375		7/27	8760
6376		-2 7/27	✓

Amy
 2.070
 1.770

Head Total 36334 8760	18.4 35.0	-3	7/27	6377	✓
52.2 72.0	3-6, 3-7 6-5	-4	bulked 9/21	6378	☆
✓		-5	7/27	6379	*
8765	A 2-1-P-6-2-M.5-Bk-1		7/30	6380	
✓		-2	7/28	6381	
✓	18.4 32.5	-3	7/30	6382	✓
60.8 72.2	6-6 6-5		bulked 9/21	6383	☆
✓			7/31	6384	
✓			7/29	6384	

Amy
 Gal. 2.07%
 alk 1.77%

Head
 Total

B6334 A2-1-8-8-3-M.3-Bb-1 CI 9545 x Nov 8768
 6385 7/27

6386 (note about 6386 and 6387) -2 17.0
 7/30 50.0 ✓
 ✓
 ☆ *1/p bulked 9/21 6-6 50.1
 6-5 70.1

6387 -3 7/28 ✓

6388 (note about 6388 and 6389) -4 18.4
 7/27 47.5 ✓
 ✓
 ☆ *1/p bulk 6-6
 6-5

6389 -5 7/27 ✓

6390 A2-1-8-9-3-M.4-Bb-1 7/29 8774

6391 -2 7/29 ✓

6392 (note about 6392 and 6393) -3 7/28 ✓

Amy
 Job - 2.0%
 Acc - 1.7%

Head Total 36334 8774		-4	7/27	6393	✓ p/p *
-		-5	7/29	6394	
8777	A2-1-8 11-2-Mo2-Bb-1 17.0 43.0		1/28	6395	p/p * ☆
58.1 70.2	4-6, 2-7 6-5	-2	bulk ed 9/21		
-			7/26	6396	
-		-3	7/23	6397	
-	my plant: high yield 17.0 39.0	-4	7/29	6398	p/p * ✓ ☆
61.2 71.2	6-6 6-5	-5	bulk ed 9/21		
✓			7/30	6399	
8785			7/29	6400	

Amy
 Job. 2.070
 alk 1.790

				Head Total Nowa
6401	B6334 A2-1-P-25-3-M-1-Bk-2 CI 9545 x	7/30		8785
6402		-3 7/30		✓
6403	<i>very short, mfg. very fine; Dent</i>	-4 8/1		✓
6404	<i>* p/p bulked 9/21</i>	-5 8/2	18.0 34.0	✓
6405	A2-1-P-25-3-M-5-Bk-1	7/30	6-6 6-5	59.3 69.4
6406		-2 7/31		✓
6407	<i>very short, mfg. very fine; Dent</i>	-3 7/30		✓
6408	<i>high yellow, Dent</i>	-4 7/31		✓

Amy
 Ind. - 2.0 %
 alk - 1.7 %

Head Total					
36334	17.0	- 5			
8787	38.5		7/30	6409	✓
61.9	6-6			P/P *	☆
70.2	3-5, 3-6		bulked 9/21		
8792	A 3-1-4-1-5-M. 5-Bk-1		8/4	6410	
✓	16.6	- 2			
	43.0		8/5	6411	✓
48.3	6-6			P/P *	
62.8	1-4, 5-5		bulked 9/21		
✓		- 3	8/5	6412	
✓		- 4	8/4	6413	
✓		- 5	8/5	6414	
8796	A 3-1-4-3-5-M. 5-Bk-1		8/5	6415	
✓	18.0	- 2			
	35.0		8/2	6416	✓
47.8	6-6		bulked 9/21		*
70.9	6-5				

<i>B6334</i> 6417		<i>CI 9545 x Nova</i> 8/2 8796	
6418	<i>short, mfg, mnt;</i>	8/4	✓
6419		8/4	✓
6420	<i>A3-1-4-3-5-M. 3-BB-1</i>	7/31	8799
✓ <i>*p/p</i> 6421		-2 7/29	✓
6422		-3 7/28	✓
6423	<i>mfg. variable; lost weight; clear? platinum?</i>	-4 7/31	✓
6424		7/29	✓

Amy
 Josh.
 all - 2.020
 1.770

B6334 8811		8/3	6425
✓		8/4	6426
✓	Taller; ant. 10, head 8/10, 1/10	8/1	6427
✓		8/3	6428
✓		8/1	6429
Bull Patna ad.		7/24	6430
70 uyn 110 403 16.0 46.0 5-6, 1-7 5-5, 1-6 CI 9628		7/24	6431
yn 2		7/31	6432

Amy
Isd. 2.02
alk 1.770

				Head Total
B6337 6433 ✓ *p/p	A1-Bk-Bk. 2-1-2-1 CI 9545 x (Gulrose x P.I. 215936)	8/3	22.6 20.0 6-7 6-7	8821 40.2 68.0
6434	-2	7/31		✓
6435	-3	7/31		✓
6436	-4	8/1		✓
6437 ✓ *p/p	-5 bulked 9/21	8/1	23.8 10.0 6-7 6-7	35.0 67.4
6438	A1-Bk-Bk. 2-4-3-1	7/31		8827
6439 ✓ *p/p	-2 bulked 9/21	8/1	23.2 13.0 6-7 1-6, 5-7	34.0 66.6
6440	-3	7/31		✓

Amg
Jed
Ack 2.070
1.770

Head Total						
86337	A1-B1-B1-2-4-3-4					
8827	23.4			7/31	6441	✓
	12.0					p/p *
37.1	6-7			bulked 9/21		
68.2	6-7		-5			
✓				8/2	6442	
	A1-B1-B1-4-3-3-1					
8832	28.0			7/31	6443	✓
	37.0					p/p *
63.3	6-6					
69.2	6-5	bulked 9/21				
✓			-2	7/31	6444	
			-3	7/30	6445	
	19.6		-4	7/30	6446	✓
	20.0					p/p *
63.8	6-6			bulked 9/21		
70.1	5-5, 1-7		-5	7/31	6447	
✓						
	A1-B1-B1-4-3-5-1					
8834				7/31	6448	

Amg
 2.02
 1.770

				Head Total
B6337 6449 ✓ *p/b	A1-Bb-Bb-4-3-5-2 bulked 9/21	CI 9545x 7/30	(Huefrose x PI 2159) 16.0 42.0 6-6 6-5	8834 60.6 71.0
6450	-3	7/31		✓
6451	Shut; excellent down? -4	7/30		✓
6452 ✓ *p/b	-5 bulked 9/21	7/30	16.6 40.0 6-6 6-5	✓ 57.6 69.5
6453	A1-Bb-Bb-4-4-3-1	8/4		8837
6454 ✓ ☆ *p/b	-2 bulked 9/21	8/4	16.6 38.0 6-6 6-5	✓ 61.0 70.0
6455 ✓ ☆ *p/b	bulked 9/21 Shut; excellent (both ends of 6454 and 6455 if needed) -3	8/6	17.8 49.0 6-6 6-5	✓ 53.0 70.7
6456	-4 (both ends of 6454 and 6455 if needed)	8/4		✓

B6337

8837

8/4

6457

A1-B6-B6-5-1-4-1

8843

7/29

6458

-2

7/30

6459

-3

7/30

6460

-4

7/29

6461

short; sh. 4
no change

1/p x

-5

7/29

6462

A1-B6-B6-5-4-1-1

8845

7/31

6463

-2

8/2

6464

short; 1/2 in.

Amy
~~old~~ 2.0%
 1.7%

				Head Total
B6337 6465 ✓ x p/p	A1-10-10-5-4-1-3CI 9545X (Dugroex P.I. 215936)	8/2	20.2 26.0 6-7 1-5, 5-7	8845 45.2 71.2
6466	4	8/1		✓
6467	short, excellent high yield - 5 July	7/31		✓
6468	A1-B6-B6-7-3-1-1	8/3		8850
6469	-2	8/1		✓
6470	bulked 9/21 ✓ x p/p mod. short, good July	7/31	24.2 16.5 6-7 1-5, 5-6	35.8 70.3
6471	-4	8/2		✓
6472		8/3		✓

Amy
 Joel
 all 2.0%
 1.7%

Head Total					
86337 8857	A1-B4-B4-7-5-3-1		8/5	6473	
✓		- 2	8/8	6474	✓ p/p *
✓		- 3	8/7	6475	
✓		- 4	8/8	6476	
✓	24.8 19.0	- 5	8/8	6477	
50.5 68.8	6-7 1-6, 5-7	bulked.	7/21		✓ p/p *
4N12	Saturn		8/11	6478	
86337 8864	A1-B4-B4-10-1-5-1		7/30	6479	
✓		- 2	7/30	6480	✓ p/p *

Amy
~~all~~ - 2.0%
 1.7%

				Head Total
B6337 6481	-3 CI 9545x (Hufrose x P.I. 215936) 7/29			8864
6482	-4 bulked 9/21 7/29	18.6 31.0		✓
☆ *p/p	mod. short; fluffier? -5	6-6 6-5	45.6 68.8	✓
6483	7/30			✓
6484	A1-Bk-Rb. 10-2-3-1 7/31			8867
6485	-2 7/30 bulked 9/21	22.0 18.5		✓
✓ *p/p		6-7 3-5, 3-7	30.8 69.4	✓
6486	-3 7/30			✓
6487	-4 7/31			✓
6488	-5 7/30			✓

Amy
 2.020
 1.770

31

Head Total						
B6337 8870	A1-Bb-Bb-10-4-1-1			7/30		6489
✓			-2	7/29		6490 ✓ p/p *
✓			-3	7/28		6491
✓			-4	7/29		6492
✓	22.6 32.0		-5	7/28		6493 p/p * ✓ ☆
21.5 68.8	6-7 6-5			bulked 9/21		
8879	A1-Bb-Bb-11-3-4-1			7/30		6494
✓	24.2 18.0		-2	7/30		6495 ✓ p/p *
31.2 68.8	6-7 6-5			bulked 9/21		
✓			-3	7/29		6496

B6337 6497	CI 9545 x (Sulphur x H. 21593)	7/30	8879
6498		7/28	✓
6499	A1-Bk-Bk-11-5-4-1	7/31	8884
6500	-2	7/31	✓
6501	-3	7/31	✓
6502	-4	7/30	✓
6503	-5	7/31	✓
✓ *p/p			
6504	A1-Bk-Bk-13-2-5-1	7/27	8890

B6337

8890

-2

7/28

6505

-3

7/30

6506

-4

7/29

6507

-5

7/30

6508

A1-B1-B2-13-4-4-1

8894

7/30

6509

-2

7/30

6510

-3

7/31

6511

-4

7/30

6512

mod-shrub; good plant

mod-shrub; excellent plant

Amy
lost
ack. 2.0%
1.7%

				Head Total
B6337 6513 ✓ *x/p	-5 CI 9545 x (Gulfrose x P.I. 2159)	7/31	23.8 17.0 6-7 6-7	8894 29.6 68.2
6514	bulk ed 9/21 A1-Bk-Bk-16-2-4-1	7/30		8899
6515	-2	7/28		✓
6516	-3	7/30		-
6517 ✓ *x/p	short, without plant; more weight at study June! -4	7/29		✓
6518	-5	7/29		✓
6519	A1-Bk-Bk-17-3-3-1	7/31		8908
6520	-2	8/1		✓

Amy
 2.03
 1.790

Head Total					
B6337 8908		3		8/3	6521
✓	short; good plant	-4		8/2	6522
✓	24.4 14.0	-5		8/1	6523 ✓
41.9 69.9	6-7 6-7			bulked 9/21	8/p *
89/3	A1-24-26-2-3-1			8/3	6524
✓		-2		8/3	6525
✓	short; good plant, more leafy	-3		8/3	6526 ✓
✓	more drying	-4		8/2	6527
✓		-5		8/3	6528

6529

Saturn

8/2

UY N 12

B6337
6530A1-BH-26-3-2, CI 9545x (Lulrose x PI. 215936)
8/5 8917

6531

- 2

8/6

✓

6532

- 3

8/3

✓

6533

- 4

8/5

✓

6534

- 5

8/3

✓

6535

A1-BH-26-3-5-1

8/3

8920

6536

- 2

8/3

✓

Amy
 2.020
 1.790

Head Total					
8920	65337	-3	8/2	6537	
27.3 70.4	23.4 14.0 6-7 6-5	short, fullent; chelly?	-4	8/3	6538
✓			-5	8/3	6539
8922	A1-Bb-Bb-27-4-2-1		8/5	6540	
✓			-2	8/5	6541
✓		short, fullent; growth; chelly?	-3	8/3	6542
✓	24.8 13.0		-4	8/4	6543
61.7 71.5	6-7 6-5		bulked 9/21	8/4	6544
✓			-5	8/4	6544

Any
 100
 all 2.02
 1.7%

				Head Total
B6337 6545	A1-Bk-Bk-27-5-3-1	CI 9545x 8/8	Highmax P.I. 215936	8929
6546	-2	8/6		✓
6547	short, spall out, shaly -3	8/5		✓
6548	-4	8/8	23.8 15.0	✓
✓ *8/8	bulked 9/21		6-7 6-7	51.8 71.7
6549	-5	8/7		✓
6550	A1-Bk-Bk-28-3-1-1	7/28		8932
6551	-2	7/28		✓
6552	med. shaly, spall out, very dense -3	7/29		✓

Amy
~~1.7%~~ 2.0%
 1.7%

Head Total					
86337		- 4			
8932	19.6			7/30	6553
	27.0				
52.1	6-6				
70.2	6-5			bulk ed 9/21	✓ p/p *
		-5			
✓				7/30	6554
8941	A1-Bk-Bk-28-5-5-1			7/31	6555 ✓
	21.4				
	21.0				
56.0	6-6			bulk ed 9/21	✓ p/p *
68.7	6-5				
		-2			
✓				8/1	6556
✓		-3		7/31	6557
✓		-4		7/31	6558
✓		-5		7/31	6559
8945	A1-Bk-Bk-29-1-4-1			7/31	6560

Amg
Jed
ack 2.0%
1.7%

				Head Total
36337 6561	-2	CI 9545x (Englrox)	7/31	PI. 215736 8945
6562	-3		7/31	✓
6563	-4	shut up more study chick	7/31	✓
6564	-5		7/31	✓
6565	171-Bb-Bb-29-4-4-1		8/1	21.4 28.0 8950
6566	bolx ed 9/21		8/1	6-7 : 43.9 5-5, 1-7 / 70.4
6567	-3	some on above	7/31	✓
6568	-4		7/31	✓

36337
8950

-5

7/31

6569

8955

7/31

6570

✓

7/31

6571

✓

7/31

6572

✓

7/31

6573

✓

7/31

6574

Nato

4N 9

8/5

6575

36337A1-Bb-Bb-11-Bb-5-1
8961

7/30

6576

Amy
Good
all 2.070
1.790

				Head Total
B6337A1 6577 ✓ * 2/10 bulk ed 9/21	-2 CI 9545X (Chufrose)	7/30	22.0 28.5 6-7 C-5	PI 21593 8961 33.3 67.8
6578	-3	7/30		✓
6579	-4 short, good for	7/30		✓
6580	-5	7/29		✓
6581	A1-BA-BA-17-BA-5-1	7/31		8966
6582	-2	7/31		✓
6583	-3 mod short, good but deficient	7/30		✓
6584	-4	7/31		✓

Amy
 2.0%
 1.7%

Head Total					
36337A1 8966		-5	8/1	6585	✓ p *
8967	A1-B6-B6-28-B6-1-1		8/3	6586	
-		-2	7/31	6587	
-	18.0 34.0	-3	7/31	6588	p * ✓
65.4 70.6	6-6 6-5		bulked 9/21		
-		-4	8/1	6589	
-		-5	8/2	6590	
8970	A1-B6-B6-28-B6-4-1		8/1	6591	
✓		-2	8/2	6592	

Amy
 Josh
 alk 2.070
 1.790

				Head Total
B6337A1 6593 ✓ *p/p	-3 CI 9545X (Gyfinex P- bulked 9/21	8/1	18.6 42.0 6-6 6-5	215936 8970 57.4 69.8
6594	-4 short, spallt, cleanest some weight	7/31		✓
6595	-5	7/31		✓
6596 ✓ *p/p	A1-Bk-Bk-29-Bk-2-1	7/31		8973
6597	-2	8/1		✓
6598	-3	7/31		✓
6599	-4 short, spallt, more stinky	8/1		✓
6600	-5	8/1		✓

✓	86337A 1-Bb-Bb-7-Bb-2-1 8979	8/10	6601
✓	-2	8/9	6602
✓	-3	8/10	6603
✓	-4	8/8	6604
✓	-5	8/9	6605
✓	8985	8/6	6606
✓	-	8/6	6607
✓	-	8/7	6608

short; yellow, long UF, 4 days

short; yellow; long; 4 days

✓
p/p *

88
B6337A1
6609

CI 9545 x (Gulfshore) PI. 21593
8/10 8985

6610

8/10 ✓

6611

8/10

8987

6612

8/10 ✓

6613

8/8 ✓

6614

8/8 ✓

6615

8/9 ✓

6616

-1

7/31

8991

B6337A1-Bk-Bk-2-1-Mo.4-Bk-2

8991

8/1

6617

-2

✓

8/3

6618

✓
p/p *

-2

✓

8/4

6619

-5

✓

8/3

6620

A1-Bk-Bk-4-3-Mo.3-Bk-1

8995

7/31

6621

-2

✓

7/31

6622

-3

✓

7/31

6623

-4

✓

7/30

6624

✓
p/p *

B6337A1
6625

CI 9545x (Surfex) PI 2159
7/31 8995

6626

C.I. 9545

8/6

8227

B6337 A1-B1-B1-7-3-M.2-B1
6627

8/3

8999

6628

-2

8/3

L

6629

-3

8/4

L

6630

-4

8/3

L

6631

-5

8/3

✓

6632

8/3

9002

✓	66337 9002		8/3	6633
✓			8/1	6634
✓		mod. lt. less good overall chubby	8/3	6635
✓			7/30	6636
	9006	A1-Bb-Bb-7-5-Mb-4-Bb-1	8/9	6637
✓			-2 8/9	6638
✓		mod. lt.; up. flat; thin chubby	-3 8/9	6639
✓			-4 8/10	6640

Amy
Jool
ack 2.070
1.790

				Head Total
66337	-5	CI 9545x (Engine)	x PI. 2159	
6641		8/11	23.8	9006
✓			19.0	
*p/p	bulked 9/21		6-7	55.3
			6-7	70.1
6642	A1-Bb-Bb-10-1-Mo.5-Bb-1	7/30		9011
6643		-2 7/30		✓
✓				
*p/p				
6644		-3 7/29		✓
6645	med. short; 4/21 + 1/21 chilling	-4 7/29		✓
6646		-5 7/30		✓
6647	A1-Bb-Bb-11-5-Mo.4-Bb-1	7/29		9018
6648		-2 7/30		✓

Amy
 Josh
 and 2.0%
 1.7%

Head Total						
36337	23.8		-3	7/30	6649	✓
9018	15.0					8/10*
27.9	6-7			bulk ed 9/21		
70.4	5-5, 1-7		-4	7/30	6650	
✓		short, full of plant, 2nd 5				
✓		July 8	-5	7/30	6651	
9025	A1-06-06-16.5-M.1-B1-1			7/30	6652	
✓	18.0		-2	7/28	6653	✓
	39.0					8/10*
68.0	6-6			bulk ed 9/21		
	6-5		-3	7/27	6654	
✓						
✓		mod. short; well set that but poor growth leave 2	-4	7/28	6655	
✓			-5	7/27	6656	

B6337 A1-Bb-Bb-16-5-Mo.2-BCI 9545x (Kuefner x PI 21593)
6657 7/27 9028

6658 -2 7/28 ✓

6659 -7 7/27 ✓

6660 -14 7/27 ✓
*med. 14' good plant
more strongly? Indigo?*

6661 -5 7/27 ✓

✓
* 8/10
6662 A1-Bb-Bb-17-3-Mo.5-Bb-1 8/2 9036

6663 -2 8/1 ✓

6664 -3 7/31 ✓
*short, good plant,
smaller info*

Amy
 lost
 alk-2.070
 1.7070

Head Total					
8/337 9036	24.4 16.5	-4		8/2	6665 ✓
70.0	6-7 6-7	-5		bulkcd 9/21	8/2 * ✓
✓				8/2	6666
9041	A1-Bk-Bk-26-2-Mo5-Bk-1			8/7	6667
✓		-2		8/5	6668
✓		-3		8/3	6669
✓	med. dent., sharp cut now less med. dent., chills	-4		8/5	6670 ✓
✓		-5		8/3	6671 * ✓
9045	A1-Bk-Bk-27-4-Mo4-Bk-1			8/8	6672

Amy
Jed
alk 2.070

				Head Total
B6337 6673 ✓ * P/P ☆	-2	CI 9545 x (Kuefoss x H. 21573 8/7 21.4 16.5 6-7 6-7	9045 61.4 72.8	
6674	-3	8/5	✓	
6675	-4	8/7	✓	
6676	-5	8/8	✓	
6677 ✓ * P/P	7/1-Bh-Bh-28-3-Mo5-Bh-1 bulked 9/21	7/31 18.6 35.5 6-6 6-5	9050 54.7 70.1	
6678	-2	7/20	✓	
6679	-3	7/30	✓	
6680	-4	7/30	✓	

Head Total					
86337 9050	19.4 38.5	-5		7/30	6681
54.6 69.6	6-6 6-5		bulked	9/21	✓ p/p *
9052	A1-B6-B6-29-4-M6-3-B6-1			8/1	6682
✓		-2		8/3	6683
✓		-3		7/31	✓ p/p *
✓		-4		7/31	6684
✓		-5		8/2	6685
✓		-5		8/2	6686
✓		-5		8/2	6687
✓		-5		8/2	6688

B6336 6689		CI 9545 x Northrose	8/4	9058
6690			8/4	✓
6691			8/3	✓
6692	med. ht.; good plant; some height all very chaffy		8/3	✓
6693			8/3	✓
6694			8/3	9061
6695			8/1	✓
6696	med. short; good plant; all very chaffy		8/4	✓

B6336 9061		CI 9545 x 8/2	Northone 6697
✓		8/2	6698
9066		7/31	6699
✓		7/30	6700
✓	shop; good plant; all very healthy	8/3	6701
✓		7/31	6702
✓		7/31	6703
9075	A2-B6-B6-2-3-5-1	8/3	6704

Amy
 Ind
 all 2.0%

				Head Total
B6336 6705	-2	CI 9545x 8/4	Northro 9075	
6706	-3	8/6	18.0 39.0	✓
✓ *p/p			6-6 2-4, 4-5	
6707	-4	8/5		✓
6708	-5	8/6		✓
	med. short, good plant; win. young; short.			
6709	A 2. BA. BA - 2-5-5-1	8/5		9080
6710	-2	8/4		✓
	short, good plant, many young.			
6711	-3	8/5	18.0 40.0	✓
✓			6-6	
*p/p	bulked 9/23.		2-4, 4-5	65.4 69.8
6712	-4	8/2		✓

Amy
lost
Auk 2.0%

45

Head Total					
36336 9080				7/31	6713
9083	A2-Bk-Bk-4-1-3-1 22.6 61.0			7/31	6714 ✓ p/p *
62.4 69.3	6-6 1-3, 5-4			bulk ed 9/23	
-		-2		7/31	6715
-		-3		7/30	6716
-	med. slant, good flat but more leafy	-4		7/31	6717
-		-5		7/31	6718
9090	A2-Bk-Bk-4-2-5-1 16.6 54.0			8/1	6719 ✓ p/p *
57.4 66.71-4, 5-5	6-6			bulk ed 9/23	
-		-2		8/2	6720

Amy
 Ind 20%
 Ave 17%

				Head Total
B6336 6721		CI 9545 X	Northrose	9090
		8/3		
6722	mod. lth; good plant; Angus; Sant	8/1		✓
6723		8/5		✓
6724	Saturn	8/2		VYN 12)
B6336 A 2-Ch. 114-4-5-3-1 6725		8/3		9093
6726		-2 8/5	15.8 52.0	✓
✓ *P/P	bulked 9/23		6-6 1-3, 1-4, 4-5	51.3 68.8
6727	mod. H; good plant; Angus; mating down	-3 8/5		✓
6728		-X 8/1		✓

Amy
 2.0%
 11 7070

Head	Total				
36336	9093	-5	8/2	6729	
9099	A2-Bk-Bk-5-3-4-1		8/9	6730	
-	16.0 61.0	-2	8/7	6731	✓ 8/p*
64.8	6-6 70.2 1-4, 5-5	-3	bulked 9/23	6732	
-	mid. tall, good but rather dark small ref; clear	-4	8/11	6733	
-		-5	8/6	6734	
9105	A2-Bk-Bk-5-5-5-1		7/29	6735	
✓		-2	7/31	6736	

Amg
 2.020
 1.770

Heed
 Total

B6 336 A2-Bk-Ok-5-5-5-3 CI 9545 x Northrose
 6737 7/31 16.0 9/05

62.0

3-6 3-7

60.6

6-5

73.3

*p/p

bulked 9/23

6738

7/31

6739

7/30

6740

8/1

9/08

6741

8/5

6742

8/5

6743

8/1

6744

8/1

✓

*p/p

head	Total					
36336	9/18	A 2-84-84-8-5-3-1	17.0	51.0	8/2	6745
62.1	71.0	5-6, 1-7	4, 4-5, 1-7	-2	bulked 9/23	6746
				-3	8/1	6747
				-4	8/6	6748
63.8	72.3	48.0	17.0	5-5, 1-7	bulked 9/23	6749
				-5	8/1	6750
						6751
						6752

Amy
Isid
ack 2.02
1.7%

Head
Total

B6336
6753

CI 9545 x Northros
8/3 9/21

6754

8/3

6755

8/2

A 2-Bb-Bb-10-1-3-1

6756

8/8

9/28

6757

-2

8/3

6758

-3

8/6

17.0

39.0

✓
☆ * p/p

bulked
9/23
One of each
mod. shad. 1
One of each
mod. shad. 1

6-6

60.0

6-5

70.2

6759

-4

8/6

16.8

42.5

☆
* p/p

One of each
mod. shad. 1
One of each
mod. shad. 1
9/23
bulked
(both seed of 6758 and
6759 if needed)

6-6

60.0

6-5

70.3

6760

-5

8/5

Amy

2.070
1.770

Head						
Total						
36336	A2-BB-BB-10-3-3-1			8/5		6761
9/33						
✓	17.6		-2	8/3		6762
	37.5					✓
56.8	6-6	6-5		bulked 9/23		☆ p/b *
69.8	17.0		-3	8/3		6763
	37.0					✓
60.3	6-6	6-5		bulked 9/23		☆ p/b *
70.9	17.0		-4	8/5		6764
	37.0					
✓			-5	8/6		6765
9/38	A2-BB-BB-10-5-3-1			8/6		6766
			-2	8/2		6767
			-3	8/6		6768

Amy
lost
alk 2.0 to
1.7%

				Head Total
B6336 6769	-4	CI 9545 x Northrose 8/5		9/38
6770	-5	8/5	24.2 17.0	✓
6771	bulked 9/23 A2-Bk-Bk-13-4-3-1	8/3	6-7 2-6, 4-7 68.0 70.6	9/43
6772	-2	7/31		✓
6773	-3	7/31		✓
6774	-4 mod. At.; diffy chilling	7/31		✓
6775	-5	8/3		✓
6776		8/5		9/50

Head	Total	8/6	6777
36336	9150	WT	
✓		8/6	6778
✓		WT	
✓		8/5	6779
✓		8/6	6780
4/29 9	Nato	8/5	6781
36336	A2-Bk 16-1-5-1	8/5	6782
9155		-2	
✓	18.0	8/5	6783
(bills used if needed)	43.0		
67.0	6-6		
72.2	6-5		
✓		-3	
		8/4	6784

Amy
Jod
alk 2.070

				Head Total
6785	B6336 ✓ ☆ * p/p bulked 9/23	-4 8/6	CI 9545 x 18.0 43.0 6-6 55, 1-6	9/55 67.0 71.3
6786		-5 8/4		✓
6787	A2-Bk-Bk-16-5-3-1	8/4		9/58
6788	✓ ☆ * p/p bulked 9/23	-2 8/5	18.6 45.0 6-6 6-5	✓ 65.2 71.0
6789		-3 8/5		✓
6790	☆ * p/p bulked 9/23 mod. Bk; excellent plot; good, clean myfts; very sturdy (bulk used of 6788 and 6790 if needed)	-4 8/5	18.0 48.0 6-6 6-5	✓ 67.8 71.2
6791		-5 8/6		✓
6792	A2-Bk-Bk-17-3-2-1	8/3		9/61

B6336
9161

- 2

8/2

6793

✓

pp *

- 3

8/1

6794

- 4

8/2

6795

- 5

8/2

6796

9169

7/31

6797

8/3

6798

8/3

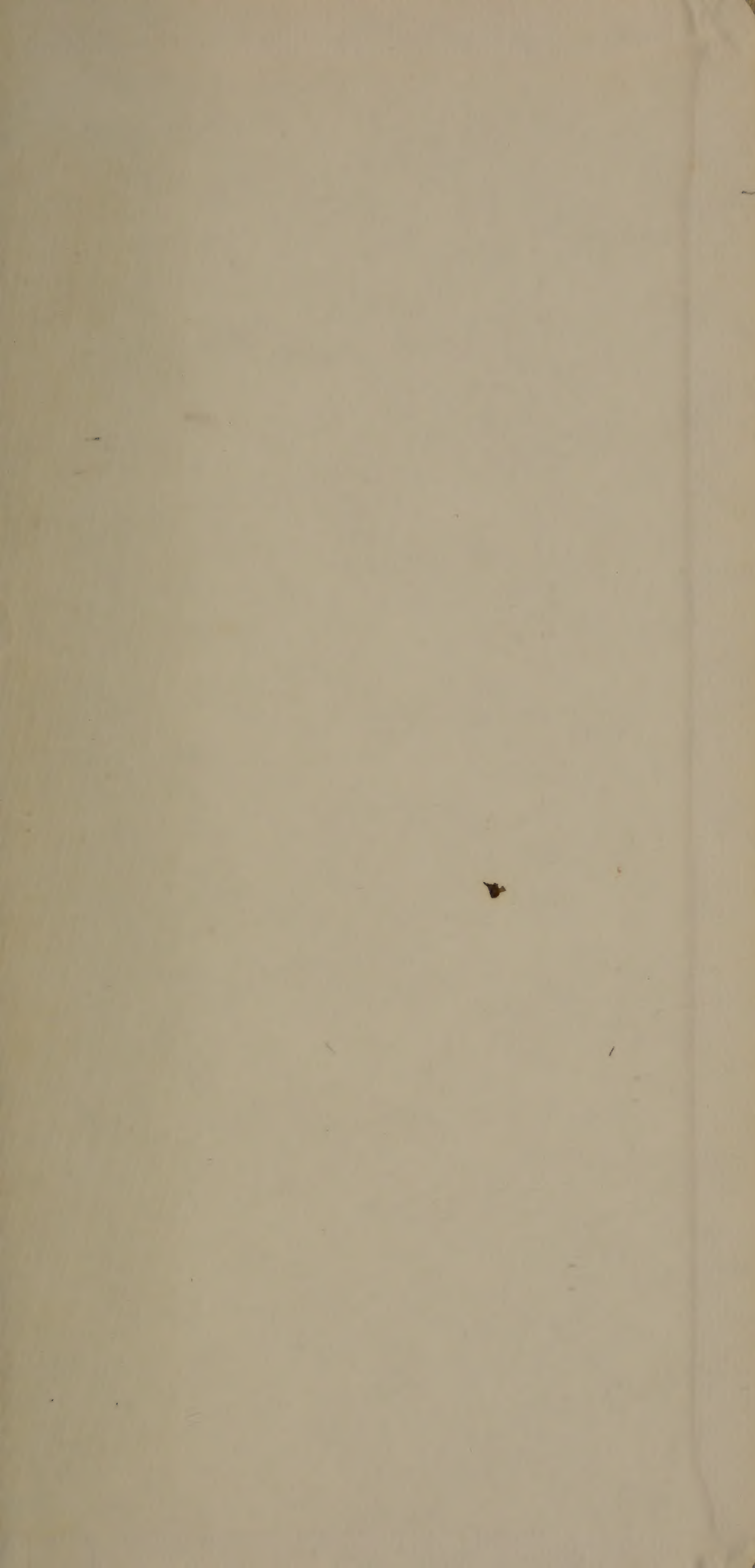
6799

8/1

6800

mt. St. Louis day
showing 8/31

destroyed by birds



CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

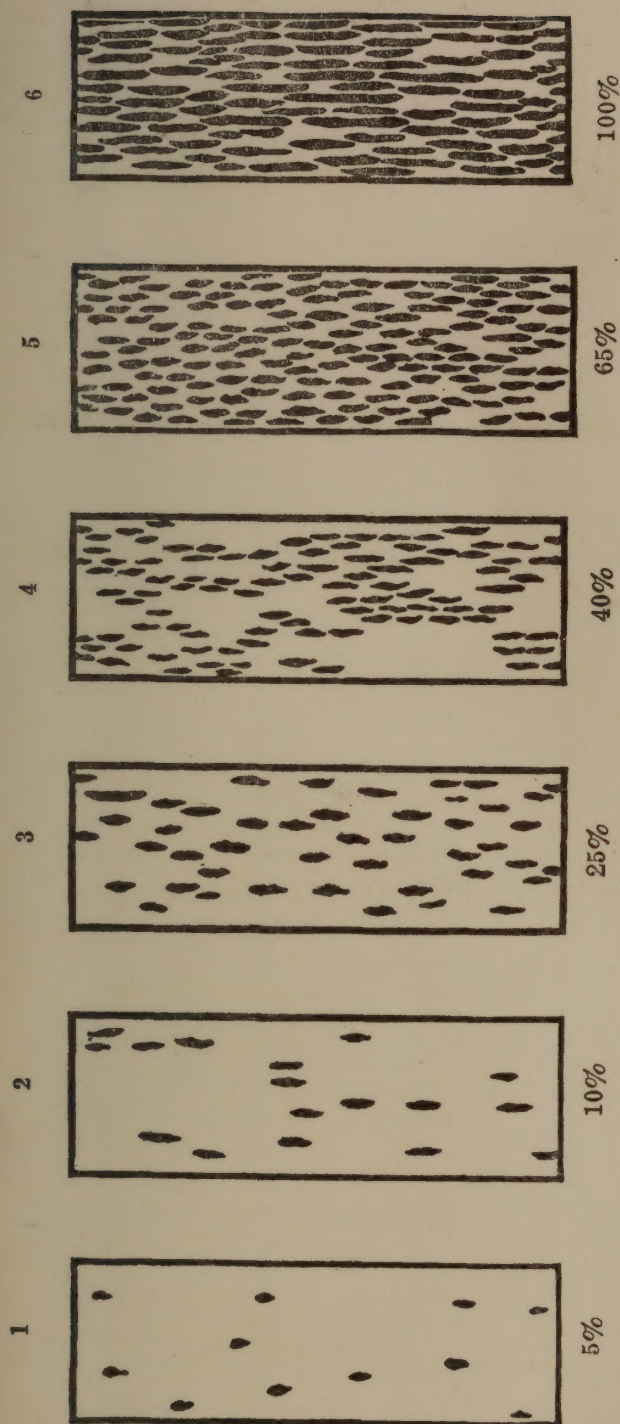


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

Amy
 2.070
 1.17%

				Head Total
B6336 6801	A2-Bk-Bk-21-3-2-CI9545x Northrose	8/13		9171
6802	-2	8/15		✓
6803	dent; 2nd dent plant; -3	8/17		✓
6804	-4 reg. white stripe	8/13		✓
6805	-5	8/12	17.6 57.0	✓
✓ *p/p	bulked 9/23 A2-Bk-Bk-23-2-4-1	8/9	5-6-1-7 6-5	9177
6806				
6807	-2	8/9	24.8 15.0	✓
✓ *p/p	bulked 9/23		6-7	57.2
6808	med. dent; 2nd dent plant; small reg; dent -3	8/9	6-7	71.8

Amy
ask 2.0%
1.7%

Head Total 86336 9177		-4	8/11	6809
✓		-5	8/11	6810
9181	A2-B2-B2-23-3-3-1 24.2 23.0		8/11	6811
57.8 68.0	6-7 6-7		bulked 9/23	✓ p/p *
✓		-2	8/9	6812
✓		-3	8/11	6813
✓	ind. plant; opened 5 plant; plant	-4	8/13	6814
✓		-5	8/13	6815
9188	A2-B2-B2-24-1-5-1		8/20	6816

Amy
 2.070
 1.790

				Head Total
B6336 6817	-2	CI9545 x Northrose 8/19		9/88
6818 ✓ * p/p	-3 bulked 9/23	8/16	16.4 56.0	✓
6819	mod. H; plant decay dent -4	8/17	6-7 6-5	65.4 67.4 ✓
6820	-5	8/17		✓
6821		8/16		9/90
6822		8/17		✓
6823	mod. dead; decay but surface had shriveling at base chilling centers	8/17		✓
6824		8/17		✓

36336
9190

8/15

6825

9198

8/16

6826

8/17

6827

8/17

6828

8/14

6829

8/20

6830

4212

Saturn

8/13

6831

36336 A2-Bk-Rh-2-5-Mo-2-Rh-1
9200

8/16

6832

Amy
 2.070
 1.770

				Head Total
66336 6833	-2	CI 9545x 8/14		Purchase 9200
6834	-3	8/16	18.0 40.0	✓
✓ ☆ * 1/4	bulked 9/23		6-7 1-4, 5-7	63.2 67.9
6835		8/15		✓
6836	short, spindly plant; ground leaves?	8/16		✓
6837	H2-BL-BL-4-2-Mo. 2-BL-1	8/13		9205
6838		-2 8/13		✓
6839	short, good plant; clean.	-3 8/13		✓
6840		-4 8/14		✓

Amy
 2.0%
 1.770

36336	17.0	-5			
9205	43.0		8/14	6841	
	6-6				✓
	6-5		bulked 9/23		p/p
9212	A2-Bk-Bk-4-5-Mo4-Bk-1		8/15	6842	
✓		-2	8/13	6843	
✓		-3	8/12	6844	
✓	med. short; leafy; dense?	-4	8/13	6845	✓
✓		-5	8/10	6846	
9221	A2-Bk-Bk-7-5-Mo3-Bk-1		8/14	6847	
✓		-2	8/13	6848	

Amy
ask 2.670
1.7%

				Head Total
B6336 6849	-3	CI 9545 x Northrose	8/14	9221
6850	-4		8/15	-
6851	-5		8/15	✓
✓ *p/p				
6852		CI 9832	8/12	17.0 49.0 1403
		bulk'd 9/23		6-7 65.8 6-5 69.4
B6336 6853		A2-BL-BL-10-1-Mo1-126-1	8/16	9224
6854			-2 8/15	17.6 46.0 -
✓ ☆ *p/p		bulk'd 9/23		6-7 67.1 6-5 70.2
6855			-3 8/16	✓
6856			8/15	✓

mod. At.; good fruit, clean
shiny

very good; some tall & thin
spotted plant, shiny

Amy
 Ind
 2.0%
 1.7%

86336 9224				8/14	6857
9228	A2-BL-BL-10-1-M.4-BL-1			8/13	6858
✓				-2 8/11	6859
✓	20.2 22.5			-3 8/13	6860
	6-7 1-6, 5-7			bulked 9/23	✓ P/P *
✓				-4 8/12	6861
✓				-5 8/15	6862
9230	A2-BL-BL-10-5-M.1-BL-1			8/15	6863
✓				-2 8/16	6864

Amy
 2.070
 1.700

				Head Total
6865	B6336 -3	CI 9545 x Northrose 8/16		9230
6866	-4 bulked 9/23	8/16	23.2 17.5	✓
6867	*p/p Jant. 1st plant; Jant. -5	8/13	6-7 6-7	64.7 68.2 ✓
6868	A 2-Bk-Bk-16-1-MoH-Bk-1	8/15		9243
6869	-2	8/14		✓
6870	-3	8/15		✓
6871	*p/p mod. Ht.; apical plant; Jant. -4 bulked 9/23	8/17	17.6 48.0	✓
6872	-5	8/14	2-6, 4-7 6-5	✓

Amy
 Jos
 all 2.0 to
 1.770

Head Total					
36336 9248	A 2-Bk. Bk. 16-5 + Mo. 4-Bk-1		8/15	6873	
-	18.4 41.5	-2	8/14	6874	✓ p/p * ☆
65.3 68.0	3-6, 3-7 6-5		bulked 9/23		
✓	mod. Bk; slightly fast; slow	-3	8/14	6875	
✓		-4	8/16	6876	
✓		-5	8/13	6877	
04N9	Nato 15.8 56.5		8/14	6878	
61.4 67.4	3-6, 3-7 6-5		bulked 9/23		
36336 9251	A 2-Bk. Bk. 17-5 - Mo. 2-Bk-1		8/12	6879	
		-2	8/11	6880	

B6336 -3 CI 9545 x Northrose
6881 8/13 9251

✓
*p/p

6882 -4 8/12 ✓

6883 -5 8/12 ✓

mod. shot; deer more?
shot

6884 A2-BL-BL-21-3-110.5-AL-1 8/12 9256

6885 -2 8/15 ✓

6886 -3 8/12 ✓

✓
*p/p

6887 -4 8/14 ✓

shot; full shot; deer

6888 -5 8/13 ✓

Amy
 Just
 ask 2.0%
 1.7%

6

Hedd	Total					
✓	36336 9260	A 2 - Bl - Bl - 23 - 2 - Mo 4 - Bl - 1		8/10		6889
✓			- 2	8/10		6890
✓	23.8 17.5 2		- 3	8/11		6891
	36.5 71.2	6-7 6-7			bulkeel 9/23	✓ 1/p *
✓			- 4	8/13		6892
✓			- 5	8/13		6893
	9265	A 2 - Bl - Bl - 23 - 3 - Mo 4 - Bl - 1		8/12		6894
✓			- 2	8/11		6895
✓			- 3	8/14		6896

6897	Bl 336 -4	CI 9545 x Nothone 8/15 9265
------	--------------	--------------------------------

6898	-5	8/13 ✓
------	----	--------

6899	A2-Bk. Bk. 24-1-Mo. 4-Bk. 1 8/21	9270
------	-------------------------------------	------

6900	-2	8/31 ✓
------	----	--------

6901	-3	8/20 ✓
------	----	--------

✓
* p/b

6902	-4	8/13 ✓
------	----	--------

med. Bk. - first day
good sleep night

6903	-5	8/17 ✓
------	----	--------

6904	A2-Bk. Bk. 24-5-Mo. 4-Bk. 1 8/16	9275
------	-------------------------------------	------

✓	B6326 9275	-2	8/17	6905
✓		-3	8/16	6906
✓	road. def. taller good clear mfg	-4	bulk 8/14	6907
✓		-5	8/18	6908
✓	IR-8 Increase plat			6909
	B681A2-4-1-1-1 [Blueletter (Belle Patina x Dawn)] x IR-8		8/17	6910
✓	1725 F4			
✓	-2-Bh	↑	8/10	6911
✓	-3-Bh	shatter	8/10	6912

6913	B681A2-4-4-BL Bluebellex(Belle Patna x Dams) / x IR-8	8/11	1725 Fy1	
6914	-5-BL			-
6915	-6-BL	8/10		✓
6916	-7-BL	8/7		✓
6917	shatter -8-BL	8/11		✓
6918	-9-BL	8/11		✓
6919	-10-BL			✓
6920	-11-BL	8/16		✓

B681A2-4-12-BL

1725

F₄

8/12

6921

✓ -13-BL

8/12

6922

log

PP *

✓ -14-BL

8/12

6923

B681A2-5-1-BL

1726

F₄

8/4

6924

✓

7/31

6925

✓

8/5

6926

✓

8/27

6927

✓

8/1

6928

B681A25-6-Rk [Bluebellex (Belle Patne x Dan)] x R-8
6929 1726 Fy

6930

6931

8/4

6932

8/10

6933

6934

8/10

6935

8/11

6936

8/19

3681A2-5-14-Bh

1726

F41

clear lyts

dwarf

8/8

Hg

6937

1/8 *

6938

6939

6940

6941

6942

6943

6944

668142-5-22 Bh

6945

[Bluebelly x (Bell's Petrel x Down)] x R₈

1726

FA

6946

✓

6947

8/14

✓

6948

✓

6949

8/9

✓

6950

8/13

✓

6951

✓

6952

7/31

✓

B68172-5-30 Bh
1726
F4

7/31

6953

8/9

6954

7/31

6955

8/14

6956

8/12

6957

8/16

6958

6959

8/13

6960

B68/192-5-38. Rh [Bluebelly x (Bella Palms x Down)] x IR-8

6961

8/14

1726

*p/p

small left
surf

Hg

Fm

6962

8/11

✓

6963

8/9

✓

6964

8/9

✓

6965

8/22

✓

6966

8/8

✓

6967

8/3

✓

6968

8/16

✓

B681A2-5-46 Bl

1726

F47

8/5

6969

8/9

6970

7/31

6971

ad.

Bluebelle

8/10

6972

B681A2-1-1- Bl

1722

F4

8/11

6973

- 2 - Bl

normal

8/3

6974

hg

d/g *

8/15

6975

hg

8/3

6976

hg

B68/A2-1-5-Bh [Bluebell x Belle Patna x Dawn] x IR-8

6977

normal & dwarf

8/6

1722

F4

* 8/8

normal

8/8

6978

8/7

8/8

6979

B68/A2-2-1-Bh

normal

8/7

1723

F4

* 8/8

8/8

6980

8/13

8/8

6981

8/13

8/8 8/8

6982

8/9

8/8

6983

8/11

8/8

6984

8/13

8/8 8/8

3681A2-2-7-BK

1723

Fy

normal

Lys

8/13

6985

p4

*

shatters

Lys

✓

✓

6986

Hg

3681A2-3-1-BK

1724

Fy

8/27

6987

Hg

✓

6988

Hg

✓

6989

Lys

✓

6990

Hg

✓

6991

Lys

✓

6992

Hg Lys

B68/A2-3-7-Bk [Bluebell x Belle P x Dawn] x LR-8
6993 1724

F₄

Hg

B68/A2-6-1-Bk
6994

8/3

1727

F₄

Hg_{2g}

6995

8/2

-

Hg

6996

7/31

-

Hg

6997

8/2

✓

Hg

6998

✓

Hg

6999

8/16

✓

Hg

7000

8/5

✓

2g

B68102-6 - S - BL

1727

FA

8/5

7001

Hg

✓

8/5

7002

Hg Hg

✓

8/4

7003

Hg

✓

7/29

7004

Hg

✓

8/5

7005

Hg Hg

✓

7/30

7006

Hg

- 14 - BL

diff & normal

✓

7/29

7007

Hg

✓

Hg *

✓

7/27

7008

Hg

B68/A2-6-16-Bk [Bluebell x (Bell x Dawn)] x IR-8

7009

8/1

1727

F4

Hg hg

7010

8/5

✓

Hg

7011

7/31

✓

Hg

7012

-19-Bk

7/31

✓

* p/p

Hg hg

7013

8/17

✓

Hg

B68/A2-9-1-Bk

7014

1728

F4

Hg hg

7015

8/1

✓

Hg

7016

-3-Bk

8/1

✓

Swf

* p/p

Hg hg

B681A2-9-4-BL

1728

Fg

7/31

7017

Hg hg

-5-BL

dwfs

7/28

7018

Hg hg

Bp *

7/29

7019

Hg

7/31

7020

Hg

8/21

7021

Hg

-9-BL

dwfs

7/30

7022

hg

Bp *

8/18

7023

Hg

8/2

7024

Hg hg

B68/A2-9-12-BL [Bluehelle x (Belle Px Dawn)] x IR-8
7025 1728

Hg

F4

7026

7/30

✓

Hg

7027

8/19

✓

Hg hg

7028

-15-BL

8/1

✓

dwarf

* p/p

Hg hg

7029

8/2

✓

Hg

7030

8/1

✓

Hg

7031

8/2

✓

Hg hg

7032

Hg hg

✓

✓		Dawn	8/17	7033	
✓	368/A2-9-20-Bh 1728 F ₄	dufs	8/1	7034	pp *
✓			8/2	7035	
✓			Hg		
✓			8/3	7036	
✓			Hg		
✓	-23-Bh	dufs	7/31	7037	pp *
✓			Hg hg		
✓				7038	
✓			Hg		
✓			8/2	7039	
✓			Hg		
✓	-26-Bh	dufs	late	7040	pp *
✓			Hg		

668/A2-9-27-Bk [Bluebelle x Belle Patna x Dawn] x IR-8				
7041			Hg	1728 FM
7042			8/1	-
			Hg	
7043	-29-Bk		8/1	-
✓ *p/p	dwfs		Hg by	
7044			8/5	-
			Hg by	
7045			8/27	-
			Hg	
7046	-32-Bk		8/5	-
*p/p	dwfs		lg	
7047			7/28	-
			Hg	
7048			7/27	✓
			Hg	

868/A2-9 - 35-BL

1728

F4

8/28

7049

log

p/p *

✓

8/5

7050

Hy

✓

8/30

7051

log

✓

-38-BL

dwf

8/7

7052

log

p/p *

✓

7/27

7053

Hy log

✓

8/13

7054

Hy

✓

8/4

7055

Hy log

✓

8/22

7056

Hy

7057	B68/A2-9-43-BL Bluebelle x Belle Patna x Dawn) x IR-8	8/5	1728	F ₄
		Hg hg		
7058		8/1	✓	
		hg		
7059			✓	
		Hg		
7060		7/31	✓	
7061		7/27	✓	
		Hg hg		
7062	- 48- BL	7/31	✓	
✓ * p/p	dwfs	Hg hg		
7063	- 49- BL	8/4	✓	
✓ * p/p	dwfs	hg		
7064	B68/A2-11-1-BL	8/22	1729	F ₄
		Hg		

3681A2-11-2-BK 1729 F4	normals & deep	8/1 Hg Hg	7065	*
✓		8/4	7066	
✓		8/3 Hg	7067	
✓	-5-BL normals	8/1 Hg	7068	* ✓
✓	-6-BK normals	8/2 Hg Hg	7069	* ✓
✓		8/2 Hg	7070	
41/N103	C.I. 9708	8/6	7071	
3681A2-11-A-BK 1729 F4		Hg	7072	

B681A2-11-9-BL [Bluebellex(Belle P x Dawn)] x IR-S

7073

8/3

1729

Fy

Hg

7074

-10-BL

8/4

✓

☆

dufs

Hg Hg

✓
* p/p

lyto

7075

8/8

✓

Hg

7076

8/11

✓

Hg

7077

8/3

✓

Hg Hg

7078

8/5

✓

Hg

7079

8/13

✓

Hg Hg

7080

-16-BL

8/4

✓

good marks

Hg Hg

*NB

☆

lyto

368/A2-11	-17-BL						7081	
1729						Hg		
F4								
✓						8/29	7082	
						Hg		
✓						8/21	7083	
						Hg		
✓						7/31	7084	
						Hg		
368/A2-16	1-BL					8/10	7085	
1731		normal				Hg		✓
F4		2ft						ph *
✓						8/9	7086	
						Hg		
✓						8/10	7087	
						Hg		
✓	-4-BL					8/14	7088	
		leaf?						✓
st. hd?		st. plant				Hg		ph *

7089	B68/12-16-5-Bl Bluebellex(Belle Px Dawn)] x IR-8 1731 Fy-1	Hg		
7090		8/9 Hg		✓
7091	-7. Bl some dwarf?	8/6 Hg		✓
7092		8/10 Hg		✓
7093		Hg		✓
7094		8/26 Hg		✓
7095		8/17 Hg		✓
7096		8/9 Hg		✓

B681A2-16-13-BL

1731

Fy1

8/17

7097

hg Hg

hg *

8/12

7098

Hg

8/13

7099

Hg

8/15

7100

Hg

8/22

7101

-18-BL

normals

8/13

7102

hg

hg *

8/19

7103

7104

B68/A2-16-21-Bh Bluebelly x (Belle Patna x Dawn) x IR-8

7105

8/10

1731

FH

* p/p

surfs

Hg by

7106

-22-Bh

8/5

✓

surfs

* p/p ☆

One of best!

by

7107

8/9

✓

7108

-24-Bh

8/10

✓

surfs

* p/p

by

7109

8/20

✓

7110

-26-Bh

8/10

✓

some surfs?

* p/p

Hg by

7111

✓

7112

8/9

✓

3681A2-16 - 29 - BL
1731
F41

8/14

7113

8/12

7114

-31 - BL

tell normals
lgts

8/7

7115

Ag

p/p *

8/11

7116

8/9

7117

8/14

7118

7119

-36 - BL

8/11

7120

Hg Ag

p/p *

B68/AJ-16-37-Bk Bluebell x (Blue Patux x Down) x IR-8

7121

8/14

1731

Fr

7122

-

7123

8/10

-

7124

8/26

-

7125

8/9

-

7126

8/10

-

7127

-

7128

Bluebonnet 50

vqN 44

B68/A2-16 - 44 - BL

1731

Fy 1

normal

8/21

7129

p/p *

7130

7131

8/9

7132

7133

8/8

7134

8/13

-50 - BL

normal

8/19

7135

Hg

p/p *

-51 - BL

dup?

8/18

7136

Hg Hg

p/p

*

B68/142-16-52-Bk [Bluebelle x (Belle Patna x Dawn)] x IR-8

7137

8/13

1731

F4

7138

✓

7139

✓

7140

✓

7141

8/12

✓

7142

-57- Bk

normal

8/11

✓

* 8/8

2g

7143

-58- Bk

normal

8/21

✓

* 8/8

2g

7144

8/10

✓

3681A2-16-60 - Bh

1731

Fy

8/10

7145

-61- Bh
drugs?

8/11

7146

hy

p/p *
☆-62- Bh
normal

8/5

7147

hy

p/p *
☆

8/7

7148

8/15

7149

7150

-66- Bh
normal

8/7

7151

hy

p/p *

-67- Bh
normal

8/12

7152

hy

p/p *

B68/A2-16 - 68- Bl Bluebellex (Belle Patna x Damm)] x IR-8

7153

8/7

1731

F₄

7154

8/8

✓

7155

8/9

✓

7156

8/8

✓

7157

8/12

✓

7158

✓

7159

8/7

✓

7160

8/8

✓

3681A2-16-76- Bh.

1731

Fy

8/10

7161

✓

8/11

7162

✓

8/12

7163

✓

8/11

7164

✓

-80- Bh

normal

8/6

7165

8/8

1/2 *

✓

8/8

7166

✓

8/8

7167

✓

8/11

7168

68
B68/A2-16-84-Bk [Bluebelle x (Belle Patna x Dawn) x IR-8
7169 7/28 1731
F4

7170 Starbonnet 8/27 49v 52

B68/A3-2-1-Bk
7171 7/27 1732
F4

7172 7/26 -

7173 7/26 -

7174 7/26 L

7175 7/29 L

7176 -6-Bk
normal 7/26
* p/p kg -

B68/103-2 - 7-Bl

1732

F4

7/27

7177

✓

7/31

7178

✓

7/28

7179

✓

7/24

7180

✓

7/24

7181

✓

7/26

7182

✓

7/25

7183

✓

-14- Bl

normal

7/25

7184

2g

1/4 →

B68/A3-2-15-Bh Bluebella x Belle Patna x Dawn } x IR-8
7185 7/27 1732
F4

7186 7/26 ✓

7187 7/28 ✓

7188 7/26 ✓

7189 7/25 ✓

7190 7/27 ✓

B68/A3-4-1-Bh
7191 1733

7192 8/24 ✓

Note: all cases derived from 1733 and being; all discarded!

268193-4-3-BK

1733

FH

8/28

7193

✓

8/14

7194

✓

8/14

7195

✓

8/19

7196

✓

8/19

7197

✓

8/29

7198

✓

8/29

7199

✓

7200

3681A3-4 Bluebellex (Belle Patna x Dams) x IR-8
7201 1732
Fu

7202 8/22 ✓

7203 8/26 ✓

7204 8/27 ✓

7205 8/19 ✓

7206 ✓

7207 8/21 ✓

7208 8/22 ✓

3681A3-4

1233

Fy

7209

✓

8/22

7210

✓

7211

✓

8/18

7212

✓

12/18

7213

✓

12/18

7214

✓

12/18

8/20

7215

✓

12/18

8/22

7216

B681A3-4

7217

[Bluebell x (Belle Patna x Dawn)] x IR

1733

Fy

7218

✓

7219

✓

7220

8/23

✓

7221

8/21

✓

7222

8/29

✓

7223

8/26

✓

7224

8/24

✓

681A3-4
732
F4, 1

7225

8/20

7226

8/18

7227

7228

7229

7230

8/5

7231

7232

7233 B681A3-4 [Bluehelle x (Belle P x Dawn)] x FR-8
8/19 1733
Fy

7234 8/28 ✓

7235 8/14 ✓

7236 8/17 ✓

7237 ✓

7238 ✓

7239 8/21 ✓

7240 8/16 ✓

8227 R	CI. 9545	8/14	7241
B68103-4 1733 F4		8/19	7242
✓		8/26	7243
✓		8/18	7244
✓		8/28	7245
✓			7246
✓		8/17	7247
✓		8/27	7248

B68/43-4

Bluebellex (Bella P. x Dawn) x IR-8

7249

8/27

1733

FH

7250

8/23

✓

7251

8/21

✓

7252

8/30

✓

7253

8/18

✓

7254

8/15

✓

7255

8/15

✓

7256

8/27

✓

3681A3-4

1733

F41

7257

7258

8/29 7259

8/21 7260

8/17 7261

7262

8/19 7263

8/30 7264

Note: all rows derived from 1734 are
being; all discarded!

B681A3-4 7265	[Bluebelle x (Belle Patna x Dawn)] x IR-8	8/18	1733 F ₄
7266		8/14	✓
7267		8/18	✓
B681A3-5 7268		8/11	1734 F ₄
7269		8/5	✓
7270		8/7	✓
7271		8/3	✓
7272		8/10	✓

3681A3-5

1734

F41

7/26

7273

✓

8/10

7274

✓

8/8

7275

✓

8/4

7276

✓

8/8

7277

✓

8/7

7278

✓

8/11

7279

Jed.

Belle Patna

8/4

7280

B681A3-5

[Bluebellex Belle Patna x Dawn] x IR-8

7281

8/7

1734

F₄

7282

8/10

✓

7283

8/8

✓

7284

8/8

✓

7285

8/9

✓

7286

8/11

✓

7287

8/10

✓

7288

8/9

✓

3681A3-5

1734

F4.7

8/8

7289

8/6

7290

8/14

7291

8/6

7292

8/10

7293

8/8

7294

8/7

7295

8/13

7296

68143-6-1-Bk Bluebellex(Belle Px Dawn)] x IL-2			
7297	7/30	1735	F4
7298	7/27	-	
7299	7/27	-	
7300	7/27	-	
7301	7/27	-	
7302	8/3	-	
7303	-7-Bk 7/30 2g	-	
7304	8/3	-	

3681A3-6-9-BL

1735

F4.7

7/23

7305

7/27

7306

-11-BL

7/27

7307

Hg Hg

*
✓

8/5

7308

Hg Hg

7/28

7309

Hg

-14-BL

7/27

7310

Hg

*
✓

7/27

7311

Hg

7/27

7312

Hg

B68/43-6-17-Bh Bluebelly (Belle Patna x Dawn) x I R-8

7313

7/30

1735

Fy

Hg

7314

7/26

✓

Hg

7315

7/29

✓

Hg

7316

7/27

✓

Hg

7317

8/3

✓

Hg

7318

7/29

✓

Hg

7319

7/31

✓

Hg

7320

7/23

✓

Hg

B68/A3-6-25-BL 1732 F ₄		7/26 Hg	7321
✓		7/25 Hg	7322
✓		7/27 Hg	7323
✓		7/26 Hg	7324
2272 IR-20		8/19	7325
B68/A3-6-29-BL 1735 F ₄		7/26	7326
✓		7/30	7327
✓		8/4	7328

bulk

3681A36-32-3L [Bluebell x (Blue Petal x Daisy)] x IR-8
 7329 7/27 1735
 F4

7330

7/27

✓

7331

7/27

✓

7332

8/8

✓

7333

7/24

✓

7334

7/26

✓

7335

7/28

✓

7336

8/4

✓

6681A3-6-40-BL

1735

F4

7/26

7337

✓

7/27

7338

✓

-42-BL

7/27

7339

8/8

7/8

✓
*

✓

8/4

7340

✓

7/23

7341

✓

7/25

7342

✓

7/26

7343

✓

7/26

7344

7345	48-132 B68/A3-6 - 68	[Bluebell ex (Belle x Dawn)]	7/30	FR-8 1735 Fy
7346			7/26	-
7347			7/27	-
7348			7/27	-
7349			7/29	-
7350			7/27	-
7351			7/27	-
7352			7/27	✓

9681A3-8-~~10~~¹-BL

1737

F4.3

8/27

7353

✓

7/28

7354

hy

✓ -3-~~10~~-BL

8/10

7355

HgHg

p/p

✓*

✓

7/31

7356

✓

7/27

7357

HgHg

✓

8/10

7358

HgHg

✓

7/31

7359

Hg

✓

8/5

7360

Hg

368193-8- ⁹ 6 4 [Bluelelle x (Belle Patna x Dams)] x IR-8 7361	8/10	1737
	Hg	Fyr
7362	8/4	-
	Hg	
7363	8/18	-
	Hg	
7364 -12 -BL normal ✓ x p/p	8/9	-
	Hg hg	
7365	7/31	-
	Hg	
7366 -14 -BL normal ✓ x p/p	7/29	-
	hg	
7367	8/1	-
7368	7/30	✓

368/A3-8-17-BL

1727

F4

7/31

7369

7/27

7370

Hg hg

8/13

7371

Hg

8/1

7372

Hg

8/13

7373

Hg

-22-BL

8/7

7374

p/r *
✓

hg

8/22

7375

Hg hg

7/30

7376

Hg hg

668/A3-8-25-Bk [Bluebelle x (Belle Patna x Dam)] x IR

7377

normal

8/9

1737

F4

* p/p

ly

-26-Bk

7378

normal

7/31

✓

* p/p

ly

7379

Bluebelle

8/12

Ed.

668/A3-9-1-Bk

7380

8/13

1738

F4

Hq

7381

8/8

-

A3-9-3-Bk

7382

8/4

-

* p/p

ly

7383

-

7384

8/11

✓

Hq

3681A3-9-6. Bl

1738

Fy

7/30

7385

Hg

L

8/10

7386

Hg

L

7387

Hg

A3-9-9 Bl

L

8/5

7388

Hg

✓
1/6 *

L

7/29

7389

Hg

A3-9-11-Bl

L

8/4

7390

Hg

1/6 *

L

8/4

7391

Hg

✓

7/31

7392

Hg

B681A3-9-14-BL [Bluebelly x (Belle Patra x Darn)] x IR-

7393

8/10

1738

def

F4

☆ ✓
* p/p

hy

B681A3-10-1-BL

7394

7/28

1729

hy

F4

7395

8/1

✓

Hy

7396

A3-10-3-BL

8/4

✓

def?

hy

✓
* p/p

7397

8/4

✓

7398

A3-10-5-BL

8/3

✓

normal & def

hy

✓
* p/p

7399

8/5

✓

Hy

7400

8/5

✓

Hy

Note: all lines derived from 1741 are normal,
and glabrous; all Lys.

38

✓	B68/A3-10-f-BL 1739 F ₄	8/3	7401
✓		8/4	7402
✓		8/3	7403
✓	A3-10-11-BL dwarf	8/11 H ₂ L ₂	7404 8/8 *
✓		8/2	7405
	B68/A3-13-1-BL 1741 F ₄	8/13	7406
✓	-2-BL normal	8/10 L ₂	7407 8/8 *
✓		8/12	7408

8681A3-13-4-Bh [Bluebell x (Belle Patna x Dawn)] x IR
7409 8/13 1741
F4

7410

8/13

✓

7411

6-Bh
normal

8/10

✓

* 2/8

lg

7412

8/13

✓

7413

8/12

✓

7414

8/10

✓

7415

10-Bh
normal

8/10

✓

* 2/8

lg

7416

8/11

✓

3681A3-13-12-12L

1741

F4

8/11

7417

-13-12L

normal

8/10

7418

ly

p/p *

8/12

7419

8/10

7420

-16-12L

normal

8/11

7421

ly

*p/p

8/13

7422

8/14

7423

8/13

7424

All rows derived from 1741 are smooth,
except row 7440; all are normal except
7440.

7425

IR-8

B68/13-13-20-Bk [Bluebellex (Belle Patna x Damm)] x IR

7426

8/8

1741

F₄

7427

8/11

✓

7428

8/13

✓

7429

8/10

✓

7430

-24-Bk

8/9

✓

* 8/8

normal

8/9

7431

8/9

✓

7432

8/14

✓

B681A3-13-27-BL

1741

F4

8/13

7433

✓

8/12

7434

✓

8/10

7435

-30- BL

✓

8/10

7436

normal

ly

p/p *

✓

8/11

7437

✓

8/14

7438

✓

8/12

7439

-34- BL

✓

dwarf

7/28

7440

Hy ly

p/p *

B68/A3-13-35-Bl Bluebelle x (Belle Patna x Dawn) J x IR-
7441 8/9 1741
F4

7442

8/10

✓

7443

-37-Bl

8/9

✓

* p/p

normal

ly

7444

8/13

✓

7445

8/9

✓

7446

8/10

✓

7447

8/13

✓

7448

8/9

✓

268/193-X3-43-12h

1741

F47

8/8

7449

-44-12h

normal

8/9

7450

ly

p/p *

8/9

7451

8/10

7452

8/9

7453

8/10

7454

-49-12h

normal

8/13

7455

ly

p/p *

8/8

7456

368/13-51-BL Bluebelle x (Belle Patna x Dawn) x 1/2
7457 8/9 1241
F4

7458 8/11 -

7459 -53-BL
normal
* 8/11
8/13 -
8/13

7460 8/8 -

7461 8/8 -

7462 8/10 -

7463 8/13 -

7464 8/9 ✓

8/1A3-16-1-BL

1743

F₄

7/27

7465

✓

8/1

7466

✓

8/1

7467

- 4-BL

dwarf

7/31

7468

H_g

p/b*

✓

8/2

7469

6009

Jazuitla

7470

868/1A3-16-6-BL

1743

F₄

dwarf

good apt

8/5

7471

H_g

p/b*

✓

7/28

7472

B681A3-16-8-Bh 7473 * p/p	Bluebellex (Belle Patna x Dawn) x ZH dwarf	7/29 Hg hg		1743 Fy
7474 * p/p	-9-Bh dwarf	8/2 Hg hg		✓
7475 * p/p	-10-Bh dwarf	7/30 Hg hg		✓
7476		8/1		✓
7477		7/31		✓
7478 * p/p	-13-Bh dwarf	8/10 hg		✓
7479		8/1		✓
7480 * p/p	-15-Bh dwarf	8/6 Hg hg		✓

3681A3-16-16-BL

1743

FM1

8/16

7481

-17-BL

leaf

8/1

7482

Hy Ly

p/p *

-18-BL

leaf

8/1

7483

Hy Ly

p/p *

8/5

7484

8/4

7485

-21-BL

leaf

7/29

7486

Ly

p/p *
★

8/6

7487

-23-BL

leaf

8/1

7488

Hy Ly

p/p *

3681A3-16-24-BL [Bluebelle x (Belle Px Dawn)] x IR-
7489 8/29 1743

F₄

7490

8/2

✓

7491

7/28

✓

7492

- 27-BL

7/29

✓

* P/P

drof

Hg hg

7493

7/30

✓

7494

8/10

✓

7495

8/10

✓

3681A3-17-1-BL
7496

1744

F₄

368103-17-2-Bk

1744

F4

normal

8/26

7497

1/8 *

ly

-3-Bk

8/5

7498

1/8 *

all normal?

ly

8/5

7499

7500

8/8

7501

8/4

7502

-8-Bk

normal + dnf ?

8/5

7503

1/8 *
☆

ly

-9-Bk

dnf ?

8/4

7504

1/8 *

ly

B681A3-17-10- BL [Bluebellex (Belle Px Nam)] x IR

7505

8/3

1744

FM

* p/p

druf

ly

7506

8/4

✓

7507

7/31

✓

7508

8/4

✓

7509

8/21

✓

-15- BL

7510

8/3

✓

* p/p

druf?

ly

7511

8/3

✓

ly

-17- BL

7512

8/5

✓

* p/p

ly

Most or all line from 1744 through
too early!

45

3681A3-17-18-BL
1744
F41

8/27

7513

8/28

7514

8/1

7515

-21-BL

8/1

7516

dwf

dy

p/p*

8/27

7517

8/4

7518

8/4

7519

8/29

7520

B68/A2-17-26-BL [Bluebell x (Belle x Dawn)] x IL-5
7521 8/27 1744
F4

7522 8/4

7523 -28-BL
*p/p dwarf 8/5
2y

7524 8/4

7525 Saturn 8/13 U4V12

B68/A3-17-30-BL
7526 8/4 1744
F4

7527 -31-BL
*p/p dwarf 8/4
2y

7528 -32-BL
*p/p dwarf 8/29
2y

3681A3-17-33-BL

1744

FM

8/3

7529

7/31

7530

-35-BL

tell normal

good lgt

8/20

7531

by

p*

8/5

7532

8/28

7533

-38-BL

dwp?

8/2

7534

by

p*

8/3

7535

8/28

7536

B681A3-17-41-Bh	[Bluebellex (Belle Px Dawn)] x L	
7537	8/28	1744
* 8/8	ing	Fy
normal		

7538	8/26	✓
------	------	---

7539	-43-Bh	
* 8/8	8/5	✓
normal	ing	

7540	8/26	✓
------	------	---

7541	-45-Bh	
* 8/8	8/29	✓
ing	ing	

B681A3-18B-1-Bh		
7542	8/5	1745
		Fy

7543	8/1	✓
------	-----	---

7544	8/1	✓
------	-----	---

3681A3-18-B-4-13 $\frac{1}{2}$

1745

Fy

def

8/5

7545

Hg

1/2 *

8/3

7546

8/14

7547

8/5

7548

8/5

7549

-9-13 $\frac{1}{2}$

8/5

7550

Hg

1/2 *

8/5

7551

8/5

7552

6681A3-18B-12-18A	Bluebelle x Belle Px Down x LR-	8/5	1745
7553			Fy

7554		8/3	-
------	--	-----	---

7555		8/4	-
------	--	-----	---

7556		8/12	-
------	--	------	---

7557		8/11	-
------	--	------	---

7558		8/9	-
------	--	-----	---

7559		8/4	-
------	--	-----	---

7560		8/9	✓
------	--	-----	---

68/A3-19-1-Bh

1746

Fuj

7/31

7561

-2- Bh

leaf?

7/28

7562

sig

V/P *

8/1

7563

8/7

7564

-5- Bh

leaf

8/10

7565

sig Hg

V/P *

8/4

7566

7/31

7567

8/3

7568

84
B 81A 3-19-9-BL Bluebell x (Belle x Daisy) x IR

7569

8/10

1746

F₄

-10-BL

7570

7/31

-

* 8/p

leaf

8/3

7571

8/11

-

7572

8/2

-

7573

8/15

-

7574

8/3

-

7575

Bluebonnet 50

Upr 44

7576

B 81A 3-19-15-BL

8/4

1746

F₄

368/AB-19-16-BL

1246

F₄

7/31

7577

✓

8/4

7578

✓

8/12

7579

✓

-19-BL

normal

8/12

7580

dy

P₁ *

✓

-20-BL

dy

8/1

7581

dy

P₁ *

368/AB-20-1-BL

1247

F₄

7/28

7582

✓

-2-BL

normal & dy

7/30

7583

Hy dy

P₁ *

✓

8/7

7584

368/23-20-4-Rh Bluebellex (Bella P. x Dawn) } x IR

7585

7/28

7747

F4

*P/P

dwf

hy

7586

7/28

✓

7587

7/31

✓

7588

7/31

✓

7589

-8-bl

7/31

✓

*P/P

round

hy

7590

7/30

✓

7591

7/29

✓

7592

7/30

✓

2681A3-20-12-Bk

1747

F4

8/7

7593

7/30

7594

8/17

7595

7/27

7596

8/24

7597

7/27

7598

-18-Bk

normal & long

7/27

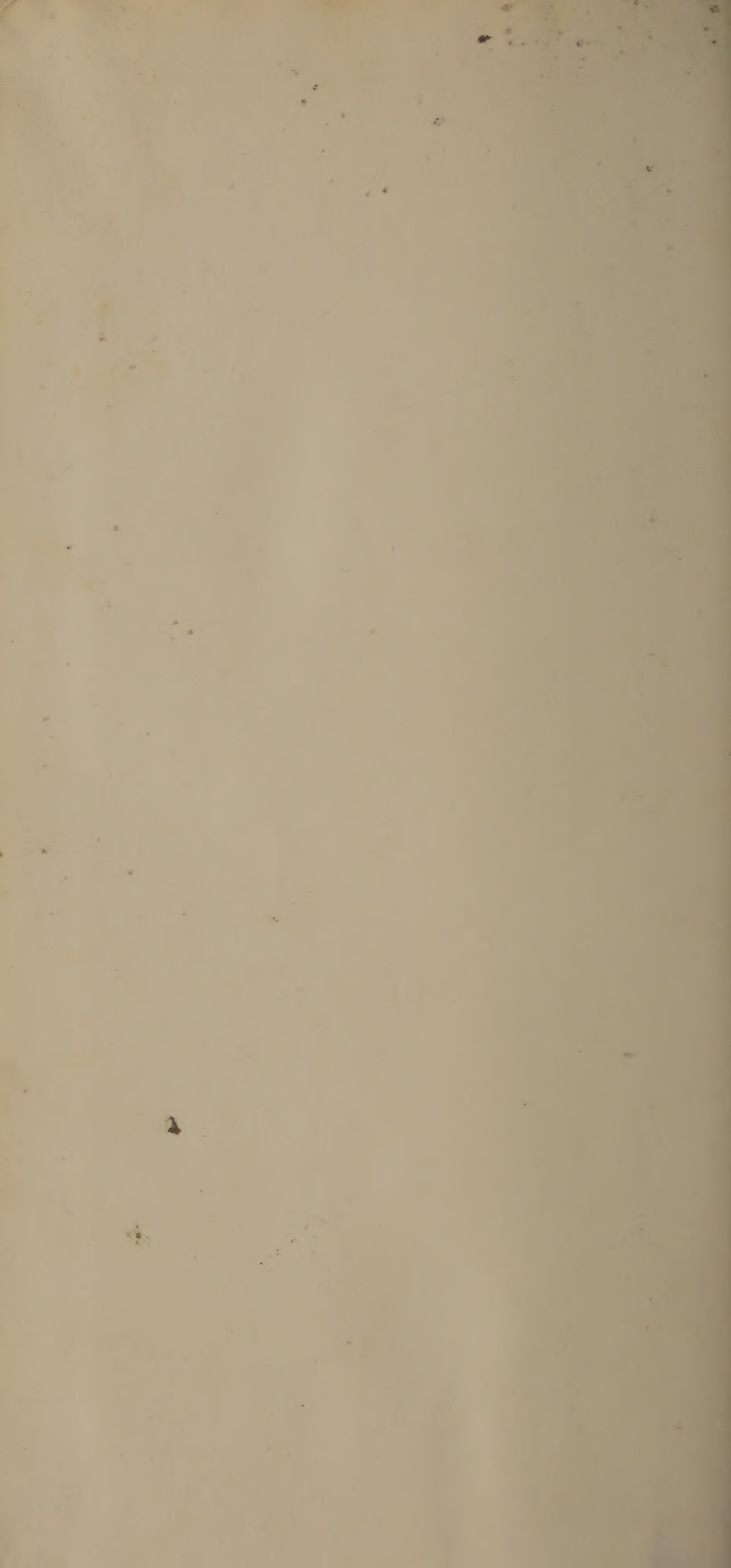
7599

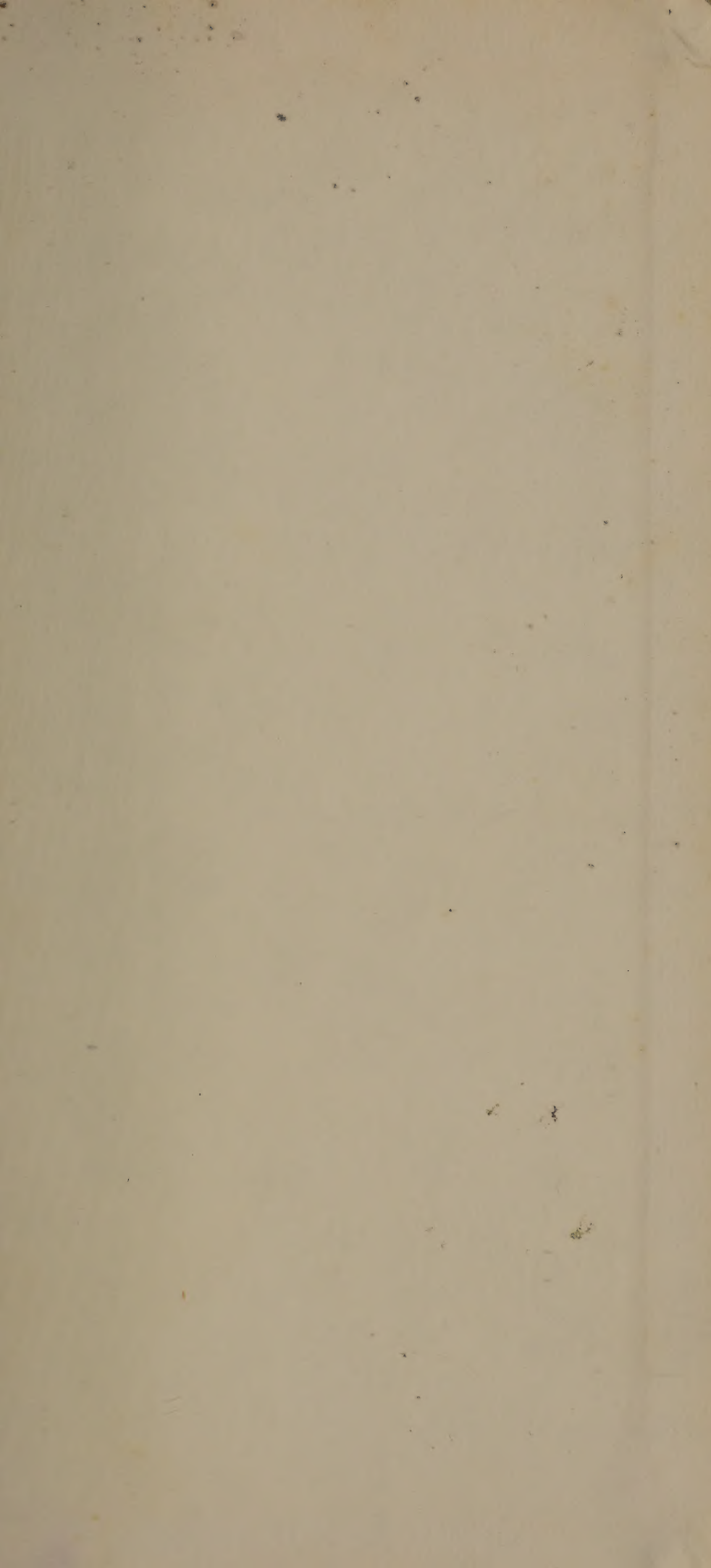
long

* 8/8

7/30

7600





CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

(Employee's Name)

(Street Address)

(City and State)

SCALE FOR ESTIMATING RUST

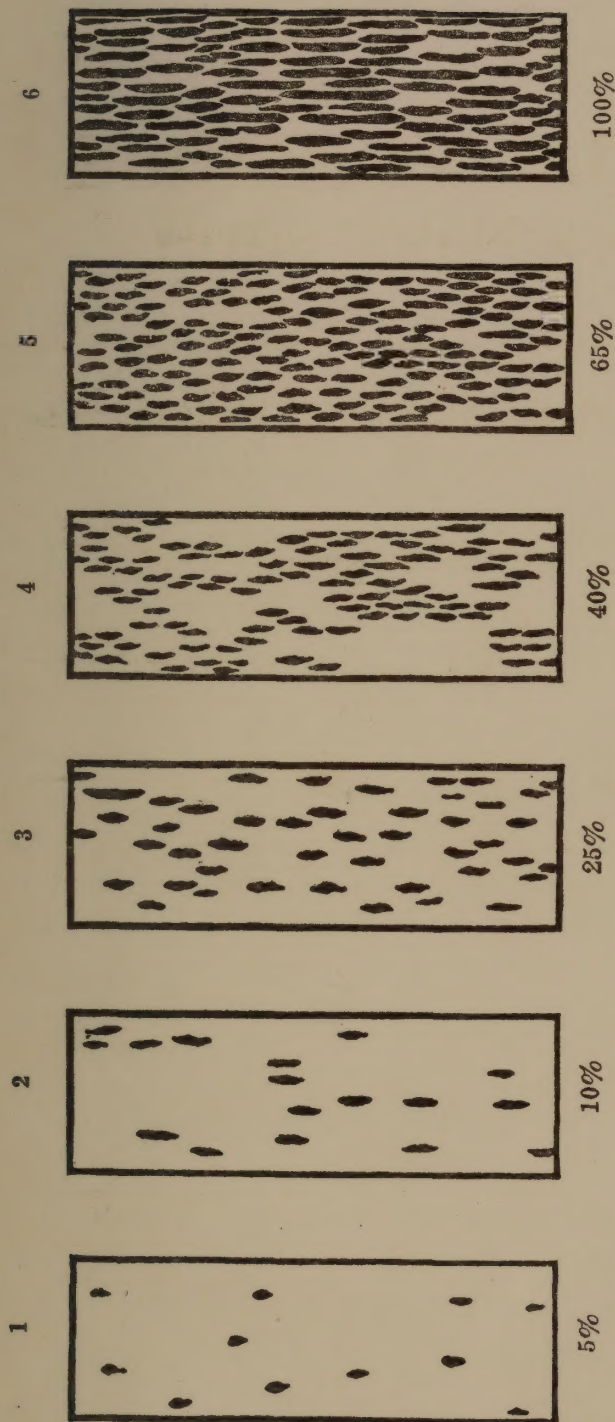


Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook.

The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure. While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

7601	B68/A3-20-20-131 Blue/ul x (Bile Px Dm) Jx IL-B 7/28	1747 F4
7602		7/30 ✓
7603	-22-131 normal *8/8	7/28 ✓ log
7604		7/31 ✓
7605		8/9 ✓
7606		8/4 ✓
7607		7/28 ✓
7608		8/1 ✓

B68/A3-20-28-BL

1747

F4

7/28

7609

✓

8/5

7610

B68/A3-21-1-BL

1748

F4

8/18

7611

✓

8/21

7612

✓

7/29

7613

✓

8/1

7614

✓

8/3

7615

✓

8/26

7616

3681/23-21-7-12h [Blueville x Belle Patna x (Dawn)] x IR-8			
7617	8/28	1748	Fy
7618	8/12	✓	
7619	7/31	✓	
7620	8/4	✓	
7621	8/2	✓	
7622	8/3	✓	
7623	8/4	✓	
7624	8/14	✓	

B681A3-21-15-BL 1748 F ₄		7/31	7625
✓		8/18	7626
uyn 52	Starbonnet	8/29	7627
B681A3-22-1-BL 1749 F ₄		8/5	7628
✓		8/26	7629
✓	-3-BL normal	8/23 ly	7630 t/p *
✓		8/29	7631
✓	-5-BL normal	8/19 ly	7632 t/p *

B681A3-22-6-13h [Bluebelly x Belle Patne x Dawn] x IF-8 7633	8/20	1749 F4
7634	8/28	-
7635	8/28	-
7636	8/17	✓
7637	8/20	✓
7638	8/18	✓
7639	8/27	✓
7640	8/8	✓

B68/A3-22-14-BL

1749

F47

8/16

7641

-15-BL

8/23

7642

normal

ly

B/P *

8/18

7643

8/17

7644

-18-BL

7/31

7645

normal

ly

B/P *

8/22

7646

8/14

7647

8/20

7648

7649	B68/A3-22-22-Bh Bluebellex(Belle Patna x Dawn)} x I.P.S. 1749 F ₄		
7650	-23-Bh normal * p/p	8/17 lg	✓
7651		8/16	✓
7652		8/14	✓
7653		8/24	✓
7654	Bh - B68/A3-(2,5,10)1-BL	8/4	1750 F ₄
7655			✓
7656		8/19	✓

368/A3-^{Bh}(2,5,10) 4-BL
1750
F₄

8/28

7657

✓

7658

✓

7/29

7659

✓

7/26

7660

✓

7/27

7661

✓

9-BL

7/28

7662

Prof

hy

p/h *

✓

7/31

7663

✓

7/28

7664

B68/AB-^{Bh}(2, 5, 10) 12-13 Bluebelle x (Galle Pe. Damm) x IR-8 7665		7/28		1750 F4	
7666		8/5		✓	
7667		8/8		✓	
7668		8/5		✓	
7669		8/7		✓	
7670		8/8		✓	
7671	Bluebelle	8/10		Ad.	
B68/1A 7672	Unknown⁴ - Ch. 1-Ph	7/27		1751 F4	

⁴ B681A Blackman - Bl-2 - Bl 1751 Fy +	normal	8/5 2y	7673 ☆ 1/8 *
-		8/14	7674
-		8/16	7675
-		8/7	7676
-		7/25	7677
-	- Bl-7 - Bl 2y	7/27 2y	7678 1/8 *
-		7/30	7679
-	- 9 - Bl normal + 2y	7/27 2y	7680 ☆ 1/8 *

7681	B681A Unknown ⁴ Bl. 10-Bk	[Blackletter (Belle L. Damm)] 7/27	1751 Fy.
------	---	------------------------------------	-------------

7682	-Bl-11-Bk dwp? * 1/2	7/27 dy	✓
------	----------------------------	------------	---

7683		7/27	✓
------	--	------	---

7684		7/26	✓
------	--	------	---

7685		7/26	✓
------	--	------	---

7686	-Bl-15-Bk dwp * 1/2	7/28 dy	✓
------	---------------------------	------------	---

7687		7/28	✓
------	--	------	---

7688		8/14	✓
------	--	------	---

B681A	4 Unknown		7/28	7689
1751				
Fy				
		-Bl-19-Bl	7/30	7690
		sub	ly	☆ P/B *
			7/26	7691
			8/4	7692
		-Bl-22-Bl	8/1	7693
		sub	ly	P/B *
			8/22	7694
			7/28	7695
			8/13	7696

B681A ⁴ 7697	[Bluebutter (Relle Tx Dawn)] x I.P.S. 7/28	1751 F4
7698 ☆ * p/p	-Bl. 27- Bl def 7/25 Hg	✓
7699	7/29	✓
7700	7/27	✓
B681A ³ -Bl-1 7701 F3's	8/2	1701 F3
7702 ✓ * p/p	-2 normal 7/31 Hg Hg	✓
7703 ✓ * p/p	-3 def & normal 7/31 Hg	✓
7704 ✓ * p/p ☆	-4 def & normal 8/4 Hg	✓

Amy

✓	B68/A3-Bh-5 1701 F3		7/31	7705
✓		-6 luffy & normal	8/2 Hg hg	7706 ✓ 11/8 *
✓			7/27	7707
✓		-8 taller normals	8/7 hg	7708 ✓
✓			8/13	7709
✓			8/11	7710
✓	22.6 35.0 6-7	-11-	7/31	7711 bulked 11/4
✓	24.2 24.0 6-7	-12	8/19	7712 bulked 11/4

Amy

368/A3-13 [Bluebellex (Belle Px Down)] x IR-8
 7713 8/20 22.6 1701
 22.0 F₃
 bulked 11/4 1-5, 1-6, 4-7

7714 -14 24.4
 28.0
 bulked 11/4 6-7

7715 8/28

7716 8/3

7717 -1.7
 24.0? 8/22

✓
 *p/p 24.0

7718 -1.8 25.2
 22.5

bulked 11/4 1-5, 1-6, 4-7

7719 7/28

7720 8/3

B681A3-Bb-21					
1701				7/31	7721
F31					
✓		-22			
		normals & dupe?		7/27	7722
				hy	pp ✓ *
✓		-23			
		dupe and normals?		7/27	7723
				hy	pp ✓ *
✓		-24			
		late normals			7724
				hy	pp ✓ *
Fol.		Daion			
				8/19	7725
B681A3-Bb-25					
1701				8/30	7726
F3					
✓					7727
✓					
				8/10	7728

B681A3-Bh-28 7729 ✓ *p/p	late normals	8/10 by	[Bluecrest (Belle Patna x Dan)] x IR8 1701 F3	
7730			✓	
7731		8/4	✓	
7732 *p/p ✓	- 3/ normals & dup	7/28 by	✓	
7733		7/29	✓	
7734		8/1	✓	
7735		7/28	✓	
7736		8/3	✓	

Amy

B681A3-B4-36

1701

F3

7/31

7737

✓

8/27

7738

L

23.2 -38

18.0

8/1

7739

1-4, 1-5, 1-6, 3-7

bulked 11/4

L

8/2

7740

L

8/29

7741

L

8/8

7742

L

-42

dup

7/31

7743

Aug

8/8

*



✓

7/30

7744

Amy

7745	B681A 3-13h-44 Bluebird x (Bulle x Dawn)] x IR-8 8/6 1701 F3			
7746		8/7		✓
7747	- 46 baked 11/4	7/31	24.2 21.0 3-6, 3-7	✓
7748		8/5		✓
7749	- 48 only normals? *p/p	7/31 Hg		✓
7750	- 49 normals *p/p	7/29 Hg Hg		✓
7751		8/5		✓
7752	- 51 only normals? *p/p	7/28 Hg		✓

Amy

B681A3 - 13A - 52

1701

24.4

F37

24.0

6-7

7/31

7753

bulked 11/4

7/29

7754

-54

normal

8/2

7755

ly

8/10 4

8/25

7756

7/29

7757

8/10

7758

7/31

7759

8/4

7760

Amy

B681A 7761	3-Bk-60	[Bluebelle x (Belle Patna x Dava)] x IR	7/28	1701 F3	
7762	-6/		7/31	25.2 20.5	✓
	bulked 11/4			2-4, 2-5, 2-7	
7763			8/5		✓
7764			7/30		✓
7765			7/31		✓
7766			7/30		✓
7767			8/2		✓
7768			7/30		✓

Amy

B681A3-1A-68

1701

24.2

F31

16.0

6-7

7/28

7769

bulked 11/4

✓

7/30

7770

✓

- 70

normals

7/31

7771

Hg Hg

p/p *

✓

- 71

taller normals

7/31

7772

Hg

p/p *

✓

7/27

7773

✓

8/15

7774

✓

- 74

normals?

7/29

7775

Hg Hg

p/p *

✓

7/29

7776

Amy

77777	B681A3-Bb-76	[Blackell x (Belle Px Dam)] x IR-8	7/28	24.8 16.0 6-7	1701 F3
	bulked 11/4				
77778	Nato		8/15		uyv9
77779	⁵ B681A2-Bb-1				1702 F3
77780			7/31		✓
77781			7/31		✓
77782	-4 normals		8/2	hug	✓
	✓ *p/p				
77783			7/26		✓
77784			8/1		✓

Amy

3 B681A2 - Bb-7 1702 14.6 F3 19.0 25, 14, 3-7				7/29	7785	bulked 11/4
✓				7/30	7786	
✓				7/30	7787	
✓		-10 taller normals		8/25 Hy	7788	Pg *
B684A1 - Bb.1 1705-1 F3		(Belle Petra x Dawn) x IP-8 def?		7/28 Hy Hy	7789	
-2				8/10	7790	
-3	-3	def		7/29 Hy Hy	7791	Pg *
-4	-4	normals		7/31 Hy Hy	7792	Pg *

Amy

36844 1-Rd. 5 7793	(Belle Patna x Dawn) x IR-8 7/31	1705-5 F3	
7794	8/3	-6	
7795	7/31	-7	
7796	7/26	-8	
7797	7/30	-9	
7798 ✓ * p/p	-10 normals & dups Hy hy	-10	
7799 ✓ * p/p	-11 normals Hy	-11	
7800 bulked 11/4	-12 7/31 1-3, 5-7	24.4 -12	

Amy

3684A1 - B6 - 13

1705-13 23.8

F37 17.0

6-7

8/29

7801

bulked 11/4

-14

8/5

7802

-15

7/27

7803

-16

8/4

7804

-17

8/5

7805

-18

-18

sup

8/4

7806

Hy by

p/p

✓
*

-19

7807

-20

8/16

7808

B684p1-Bd-21 7809 ✓ *p/p	normal	(Belle Patna x Dawn) x IR- 7/26 1705-21 F3 8/12 8/12 8/5 8/22 7/30 8/26	-22 -22 -23 -24 -25 -26 -27 -28
7810 ✓ *p/p	-22 dwarf	8/12 8/12 8/5 8/22 7/30 8/26	-22 -22 -23 -24 -25 -26 -27 -28
7811 ✓ *p/p	-23 dwarf	8/5 8/22 7/30 8/26	-23 -24 -25 -26 -27 -28
7812		7/31	-24
7813		8/22	-25
7814 ✓ *p/p	-26 normal	7/30 8/26	-26 -27 -28
7815		7/27	-27
7816		8/26	-28

B684A1-Bd-29

1705-29

F3

durf

7/30

7817

Hy Reg

p/b * ✓

-30

7/28

7818

-31

-31

normal & durf?

8/15

7819

Hy

p/b * ✓

-32

8/3

7820

-33

-33

normal & durf

7/27

7821

Hy

p/b * ✓

-34

7/31

7822

-35

7/28

7823

-36

7/27

7824

7825	Starbonnet	8/28	UYN 52
7826	B6845 1-B6-37 (Belle Patna x Dawa) X IP-8	8/11	1705-37 F3
7827		8/8	-38
7828		8/6	-39
7829		8/2	-40
7830		7/29	-41
7831	-42 dwarf	8/5 H ₂ H ₂	-42
7832	-43 normal	7/31 H ₂	-43

B684A1-Bh-44

1705-44

F3

7/29

7833

-45

8/25

7834

-46

~~-46~~

def

7/29

7835

clear lgt ?

Hg Hg

p/p *

-47

8/2

7836

-48

8/2

7837

-49

~~-49~~

normal & def ?

8/8

7838

Hg Hg

p/p *

-50

8/5

7839

-51

~~-51~~

def

7/24

7840

Hg Hg

p/p *

7841	B684A1-136-52 (Bele Patna x Dawn) x IR-8 7/29	1705-52 F3
7842	8/1	-53
7843	7/28	-54
7844	8/4	-55
7845	7/29	-56
7846	-57 durf Hg hy	-57
7847	7/31	-58
7848	8/7	-59

8684A1-BB-60 1705-60 F31		7/30	7849
-61		7/27	7850
-62	-62 dwf	7/28 hy	7851 p/p * ✓
-63	-63 normal	8/3 Hg Ry	7852 p/p * ✓
-64		8/19	7853
-65		8/26	7854
-66			7855
-67	-67 normal	7/27 hy	7856 p/p * ✓

31 2684A1-13-69 7857 ✓ *p/p	normal + deaf	(Belle Patna x Dawn) x IR 8/19 hg	1705-69 F3
7858			-70
7859		8/14	-71
7860 ✓ *p/p	-72 deaf?	8/3 Hg hg	-72
7861		7/31	-73
7862		8/17	-74
7863		7/28	-75
7864		8/29	-76

✓	BB84A2 - bk - 1 1706 F3 1		8/11	7865
✓	- 2 all normal.		8/12 Hghy	7866 p/p * ✓
✓			7/25	7867
✓	- 4 normal		7/31 hy	7868 p/p * ✓
✓			8/5	7869
✓	- 6 normal & info?		8/6 hy	7870 p/p * ✓
✓			8/6	7871
✓			7/29	7872

B684A2 - Bl. 9 (Bell Patna x Dawn) x IR-8
7873 8/5 1706 F3

7874 7/29 ✓

7875 Bluebelle 8/10 Ed.

B684A2 - Bl. 11
7876 8/21 1706
normal
✓ *g/p 8/2

7877 8/2 ✓

7878 -13 7/28 ✓
✓ *g/p 8/2
dwarf

7879 8/22 ✓

7880 -15 7/27 ✓
✓ *g/p 8/2
dwarf?

B684A2-B6-16 1706 F3			7/28	7881
✓			7/31	7882
✓	-18 normal		7/28 Hg hg	7883 p/p * ✓
✓			7/27	7884
✓	-20 normal		8/11 Hg hg	7885 p/p * ✓
✓			7/26	7886
✓			7/31	7887
✓	-23 def?		8/24 hg	7888 p/p * ✓

Amy

7889	B684A2-B1.14	(Belle Patna x Dama) x IR-8	x IR-8
✓ *p/p	normal	7/28	1706
✓ *p/p	-25 normal	8/2	F3
7890		7/28	✓
✓ *p/p		8/2	
7891		8/10	✓
7892		7/29	✓
7893	-28	7/31	27.2
baked 11/4			22.0
			1-3,5-7
7894		8/5	✓
7895	-30	7/29	✓
✓ *p/p	normal	8/2	
7896	-31	7/27	✓
✓ *p/p	normal	8/2	

Amy

✓	3684A 2-32	32				
	1706	24.8		7/30	7897	
	F37	24.5				bulked 11/4
		6-7				
✓		-33		8/17	7898	
		normal		ly		p/p * Λ
✓				8/17	7899	
✓	24.4	-34				
	24.5			8/12	7900	
	6-7					bulked 11/4
✓	24.8	-35			7901	
	22.5					bulked 11/4
	6-7					
✓		-36			7902	
	all	normals		ly ly		p/p *
✓				8/11	7903	
✓		-38			7904	
	only	3-4 gms,				bulked 11/4
	not	milled				

Amy

✓ * p/p	B684A2-Bh-39 normal	Belle Patna x Dawn x IR. 8/5 shy		1706 F3
7906 bulked 11/4	-40	8/30	20.0	✓ 1-4, 1-5, 1-6, 3-7
7907		8/26		✓
7908 bulked 11/4	-42		24.2 25.0	✓ 1-4, 1-6, 4-7
7909 ✓ * p/p	-43 normal	8/1 shy		✓
7910		8/13		✓
B684A3-Bh-1 7911 bulked 11/4		7/31	24.8 21.0	1707 6-7
7912 ✓ * p/p	-2 normal & draft	8/3 Hg shy		✓

Amy

✓	B684A2-12A 3 1707 F3		7/28	7913
✓			8/25	7914
✓			7/29	7915
✓			7/28	7916
✓		-7 mound	8/5 8/5	7917 8/5*
✓			7/27	7918
1403	18.6 53.0 6-6	CI 9832	8/7	7919 bulk
	B684A3-12A-9 1707		8/17	7920

Army

3684A3 - Bb-10 7921		(Belle Patna x Dawn) x IR 8/5	1707 F3	
7922		7/27		✓
7923		8/16		✓
7924		8/29		✓
7925	-14 normal	8/4 Hg hg		✓
7926	-15 normal	7/25 Hg hg		✓
7927	-16	7/29	25.2 21.0	✓
bulked 11/4			15, 5-7	
7928	-17	7/29	24.2 21.5	✓
bulked 11/4			2-3, 4-4	

Amy

✓	B684A2 - Bl-18 1707 F31		7/26	7929	
✓	-19 normal + dwarf?		8/3 Hy Hy	7930	✓ p/p *
✓			7/26	7931	
✓	-21 normal		8/14 Hy Hy	7932	✓ p/p *
✓			8/9	7933	
✓	25.2 -23 20.0 1-4, 1-5, 3-6, 1-7		8/15	7934	bulked 11/4
✓			7/28	7935	
✓	-25 normal + dwarf		8/2 Hy	7936	✓ p/p *

668443-Bl. 26

7937

(Belle Patna x Dam) x IR-8

7/31

1707

F3

dup

Hg hg

7938

8/3

✓

7939

-28

8/6

✓

normals only?

Hg hg

7940

-29

7/31

✓

normals

hg

7941

7/27

✓

7942

-31

8/10

✓

normals

hg

7943

-32

8/3

✓

normals

Hg hg

7944

-33

7/31

✓

normals

hg

Amy

3684A3-B2. 34 1707 F31		normal		7/31 hy	7945 p/p ✓ *
✓		-35 normal?		7/27 hy	7946 p/p ✓ *
✓	25.2 21.0	-36		7/31	7947 bulked 11/4
	1-4, 1-5, 1-6, 3-7			8/3	7948
✓				8/7	7949
✓				7/28	7950
✓					7951
✓				7/31	7952

Amy

7953	Bl 8443 - Bl - 42	Belle Patna x (Dawn) x IR-8	7/28	27.0 23.0	1707 F3
	bulked 11/4			2-4, 1-5, 3-7	
7954	- 43		8/16		-
	✓ * p/p dups & normals?		hy		
7955	- 44		7/27	24.8 27.0	✓
	bulked 11/4			1-5, 1-6, 4-7	
7956			7/28		-
7957			8/7		-
7958	- 47		7/28		✓
	☆ ✓ * p/p dups & normals		hy		
7959	- 48		7/31	26.2 23.0	✓
	bulked 11/4			6-7	
7960			8/20		✓

3684A3

1707

F3

8/20

7961

3683A1-Bh.1

1704

F3

(Belle Patna x Dura) x IR-160

8/4

7962

normal
shuttles

Hg hg

p/p *

7963

-3

8/21

7964

dwarf

Hg hg

p/p *

7965

8/5

-5

8/14

7966

normal

Hg hg

p/p *

-6

8/15

7967

normal

hg

p/p *

7968

7/30

B683A1-Bh-8 7969 * p/p deufs	(Belle Patna x Down) ^{F1} 1/16 8/10 Hy hy 1704 F3
7970 * p/p normals -9	8/4 hy -
7971	8/19 -
7972 * p/p normal & deaf -11	8/4 Hy hy -
7973 * p/p normals -12	8/14 Hy -
7974	-
7975 I R-160	
B683A1 7976	8/11 1704

✓	8682A1-136-15 1704 F37		8/27 Hg	7977
✓				7978
✓				7979
✓	-18 normals		8/20 Hg hg	7980 1/4 *
✓			8/5	7981
✓			8/19	7982
✓				7983
✓			8/3	7984

B683A1 - R ₂ - 23 7985		(Belle Patna x Damar) x IR-16 8/4	1704 F3
7986 *g/p	-24	8/12 Hg by	✓
7987		8/1	✓
7988		7/31	✓
7989 *g/p	-27	8/17 Hg by	✓
7990		8/5	✓
7991		8/23	✓
7992		8/4	✓

B683A1 - Rb. 31

1704

F3 1

8/13

7993

-32

8/20

7994

Hg hg

p/h *

8/16

7995

7996

-35

8/11

7997

Hg hg

p/h *

7998

8/3

7999

8/18

8000

B683A1-Bh-39 8001 *p/p	normal & dwarf	8/9 Hg hg	(Belle Patnax Manor) XIR-162 1704 F ₃
B685A1-Bh-1 8002 *p/p	normal	8/28 hg	" 1708 F ₃
8003 *p/p	-2	8/11 Hg hg	✓
8004 *p/p	-3 stubby good hgt	8/13 hg	✓
8005 *p/p	-4 dwarf	8/14 Hg hg	✓
8006 *p/p	-5 normal & dwarf	8/14 Hg hg	✓
8007		8/15	✓
8008 *p/p	-7	8/9 Hg hg	✓

✓	1708 F ₃	3 B685A1-Bk. S	8/14	8009
✓			8/11	8010
✓		-10 dwp	8/14 Hg by	8011
✓			8/3	8012
✓			8/5	8013
✓			8/26	8014
✓				8015
✓			8/21	8016

8017	Bluebelle	8/11	3d
8018	B686A 1-21-1 [Bluebelle x Dawn] x (Belle Px Dawn) x (Blt 52/2x 1709-1/2x) F3	8/7	
8019		8/5	-2
8020	-3	8/5	-3
8021	-4	8/6	-4
8022		8/28	-5
8023	-6	8/6	-6
8024		8/23	-7

B686A1-Bh.8 1709-8 F3			8/16	8025	
-9	-9		8/6	8026	✓ p/p *
-10			8/10	8027	
-11			8/9	8028	
-12			8/8	8029	
-13	-13		8/8	8030	✓ p/p *
-14			8/20	8031	
-15			8/7	8032	

Amy

B686A / 8033	-36-16 [Bluehelle x Dawn) x (Belle P. Dawn)] x (	8/8	Blt 52/2 x Fognick) 1709-16 F3
8034	-17	8/8	-17
✓ *p/p			
8035	-18	8/10	-18
✓ *p/p			
8036	-19	8/16	25.2 26.0 -19
bulked 11/4		1-2, 1-3, 3-4, 1-7	
8037	-20	8/5	-20
✓ *p/p			
8038		8/7	-21
8039		8/7	-22
8040	-23	8/8	-23
✓ *p/p			

B686A 1-Bh 24
1709-24
F3

8/5

8041

-25

8/7

8042

-26

8/4

8043

-27

-27

8/3

8044

P/B

✓
*

-29

8/25

8045

-30

8/11

8046

-31

8/8

8047

-32

8/23

8048

B686A 8049 ✓ *p/p	1-Bh-33, [Bluebelle x Dawn] x [Belle P x Dawn] 815	(Blt 3) x [Jazzy] 1709-33 F3
8050 ✓ *p/p	-34	-34
8051	811	-35
8052	817	-36
8053	817	-37
8054	819	-38
8055	-39	-39
✓ *p/p	-40	-40
8056 ✓ *p/p	816	-40

Amy

9686A1
709-41
F3 1

8057

A1-BA-42
-42

8/8

8058

✓
pp *

-43

8/27

8059

-44

8/15

8060

25.2 -45
-45 24.0

8/27

8061

2-4, 2-5, 2-6

bulked 11/4

-46

8/12

8062

-47

-47

8/17

8063

✓
pp *

-48

8/17

8064

B686A1 8065	[Bluebella x Dawn] x (Bella P x Dawn)	8/5	(Bt 50/2) x x Japater 1709-49 F3
8066		8/26	-50
8067 ✓ *p/p	A1-BL-51	8/6	-51
8068		8/11	-52
8069		8/7	-53
8070 ✓ *p/p	-54	8/8	-54
8071		8/28	-55
8072		8/9	-56

Amy

B686A1-B6-57						
1709-57 25.2				8/28	8073	
F3 7 20.5						bulked 11/4
4-4, 2-5						
-58				8/9	8074	
-59	-59			8/6	8075	✓ Pb *
-60				8/10	8076	
lyn 44	Bluebonnet 50				8077	
B686A1-B6-61						
1709-61 27.0				8/10	8078	
F3 23.0						bulked 11/4
3-3, 3-4						
-62	-62			8/9	8079	✓ Pb *
-63	-63			8/7	8080	✓ Pb *

0686A1-132-64 8081	[Bluebelly x Dawn] x [Belle Palua x Dawn] x (Belt 50/2 x Jojuttla) 8/5 1709-64 F3		
8082 ✓ *8/8	-65	8/8	-65
8083		8/20	-66
8084		8/28	-67
8085		8/30	-68
8086 ✓ *8/8	-69	8/6	-69
8087		8/28	-70
8088		8/24	-71

Amy

B686A2-B4-1 1710-1 F3			8/23	8089
-2	-2		8/2	8090 ✓ p/p *
-3	-3		8/6	8091 ✓ p/p *
-4			8/6	8092
-5			8/10	8093
-6	-6		8/10	8094 ✓ p/p *
-7	27.2 20.0 3-4, 3-5	-7	8/7	8095 bulked 11/4
-8			8/10	8096

8097	8/21	17/10-9 F ₃
8098	8/17	-10
8099	8/8	-11
8100	8/8	-12
8101	8/12	-13
8102	8/13	-14
8103	8/23	-15
8104	8/16	-16

[Bluebelly x Dawn] x [Belle Patne x Dawn]

868692-136-9 x (Belt 50/2 x Jajutla)

8686A2-136-17 1710-17 F37		8/7	8105
-18		8/7	8106
-19		8/9	8107
-20		8/8	8108
-21	-21	8/8	8109 ✓ P/B *
-22	-22	8/10	8110 ✓ P/B *
-23		8/13	8111
-24		8/8	8112

8113	[Bluebelle x Dawn) x (Belle Palms x Dawn)] B686A2)-Bh-25 X (Bat 50/2 x Jajutla) 8/10 17/10-25 F3 ✓ *p/p
8114	8/27 -26
8115	-27 8/5 -27 ✓ *p/p
8116	8/19 -28
8117	8/12 -29
8118	8/23 -30
8119	8/20 -31
8120	8/10 -32

B686A2-BA-33

1710-33

F3

8/11

8121

-34

-34

8/5

8122

✓
p/p *

-35

-35

8/9

8123

✓
p/p *

-36

8/10

8124

-37

-37

8/7

8125

✓
p/p *

-38

8/16

8126

-39

8/31

8127

-40

8/8

8128

8129	B686A2 [Bluebelle x Dawn] x (Belle P x Dawn) x (B6850/2 x Jojutta)	8/14	1710-41 F3
8130	Dawn	8/19	sd
8131	B686A2 - B6 - 42 ✓ *p/p	8/8	1710-42
8132		8/6	-43
8133		8/26	-44
8134		8/9	-45
8135		8/20	-46
8136		8/5	-47

Amy

3686A2 - Bb-48 1710-48 F31			8/6	8137	✓ p/p *
-49			8/9	8138	
-50			8/30	8139	
3686A3 - Bb-1 1711-1			8/30	8140	
-2	27.2 22.5 6-4	-2	8/9	8141	
-3		-3	8/8	8142	bulked 11/4 p/p *
-4			8/6	8143	
-5			8/5	8144	

8145	Belle A 3-12-6 X (Bht 50/2 x Jojutla) 8/8	[Bluebellex Damm) x (Belle P. Damm)] 17/11-6 F3	
8146		8/6	-7
8147		8/8	-8
8148		8/16	-9
8149	-10	8/5	-10
8150		8/18	-11
8151	-12	8/8	-12
8152		8/10	-13

3686A3-Bb-14

1711-14

F3

8/10

8153

-15

8/5

8154

-16

8/28

8155

-17

-17

8/6

8156

p/p

✓

*

-18

8/6

8157

-19

-19

8/5

8158

p/p

☆

* ✓

-20

8/8

8159

-21

8/8

8160

Amy

8161	B68643-B ₁ -22 [Bluebelle x Daisy] x [Belle x Daisy] x (But 50/2 x gentle) 1711-22 8/28 F3		
8162		8/5	-23
8163	-24	8/4	-24
✓ *p/p			
8164	-25	8/5	27.0 22.5 -25
✓ *p/p	bulhead 11/4	3, 3, 24, 1-5	
8165		8/16	-26
8166	-27	8/4	-27
✓ *p/p			
8167		8/8	-28
8168	-29	8/6	-29
✓ *p/p			

Amy

B686A3 - RB - 30

1711-30 27.0

F3 23.5

5-4, 1-5

8/11

8169

bulked 11/4

wyn 52 *Starbonnet*

21.4

35.5

3-3, 3-4

8/28

8170

bulked

B686A3 - RB - 31

1711-31

F3

8/8

8171

p/p * ✓

-32

8/28

8172

-33

8/17

8173

-34

8/27

8174

-35

8175

-36

-36

8/7

8176

p/p * ✓

8177	B686A3 [Bluebelle x Dawn] x (Belle x Dawn) x (But 50/2 x Jaguilla) 34-37, 8/27	1711-37 F3
8178	8/9	-38
8179	-39 8/5	-39
8180	8/5	-40
8181	-41 8/8	-41
8182		-42
8183	8/6	-43
8184	-44 8/10	-44

3686A3-24-45
1711-45

F3

8/8

8185

-46

-46

8/4

8186

P/B * ✓

-47

8/7

8187

-48

-48

8/10

8188

P/B * ✓

-49

8/7

8189

-50

8/7

8190

-51

8/10

8191

-52

8/6

8192

8193	[Bluebelle x Dawn] x (Belle x Dawn) -Bh-53, x (But 50/2 x Juguila)	8/10	17/11-53 F3
8194		8/7	-54
8195		8/19	-55
8196		8/5	-56
8197 ✓ * p/p	-57	8/6	-57
8198 ✓ * p/p	-58	8/10	-58
8199		8/10	-59
8200		8/6	-60

B686A3-B6-61 17/1-61 F3		8/7	8201 ✓ p *
-62		8/8	8202
-63		8/13	8203
-64	-64	8/8	8204 ✓ p *
-65		8/5	8205
-66		8/5	8206
-67		8/23	8207
-68		8/13	8208

B686A3 8209	3. Bh-69 x (But 50/2 x 8/14	[(Bluchelle x Damm) x Belle P x Damm) Jojuetta 17/11-69 F3	
8210 ✓ *p/p	-70	8/6	-70
8211		8/9	-71
8212		8/6	-72
8213 ✓ *p/p	-73	8/7	-73
8214		8/10	-74
8215		8/27	-75
8216		8/8	-76

3686A3-Bh-77

1711-77

F3

8/11

8217

-78

8/12

8218

-79

8/15

8219

-80

8/10

8220

-81

-81

8/7

8221

✓
*d/b

-82

8/8

8222

-83

8/13

8223

-84

-84

8/15

8224

✓
0/1 *

B686A3 8225	[(Bluehellex Dawn) x (Belle Px Dawn)] x (Bat 50/2 x Jojutla)	8/8	17/11-85 F3
8226		8/16	-86
8227		8/7	-87
8228		8/8	-88
8229	Jojutla	10/11	6009
B686A3 - 84-89 8230 ✓ *p/p		8/10	17/11-89
8231		8/29	-90
8232 ✓ *p/p	-91	8/5	-91

Amy

B686A3

1711-92

F3

8/13

8233

-93

8/23

8234

-94

8/8

8235

27.0

B687A 1, [Bluebell x (B.P. x D.)] x (B6850/2 x Tjintla)

1712-1

Bh + 1

8/9

8236

20.0

1-2, 2-3, 14, 15, 1-7

baked 11/4

-2

-2

8/7

8237

8/8 *

-3

8/6

8238

-4

-4

8/10

8239

* p/p

-5

8/8

8240

B687A/-BL-6 8241 ✓ *p/p	Blue Belle [Blue Belle x Dan] x (Blue Patna x Dan) x (Bht 502 x Jazmala)	815	1712-6 F3
8242		817	-7
8243			-8
8244 ✓ *p/p	-9	818	-9
8245		818	-10
8246			-11
8247 ✓ *p/p	-12	810	-12
8248 ✓ *p/p	-13	817	-13

B687A1 - B6 - 14

1712-14

F3-7

8/7

8249

-15

8250

-16

8/7

8251

-17

8252

-18

-18

8/10

8253

p/p* ✓

-19

8/7

8254

-20

-20

8/8

8255

p/p* ✓

-21

8/6

8256

Bluebelle
 (Bluebelle x Dawn) x (Blue Pal x Dawn)
 x (But 50/2 x Gentle)

B687A1-22
 8257

8/10

17/2-22

F3

✓
 * 8/p

8258

-23

8259

-24

8/10

-24

✓
 * 8/p

8260

8/6

-25

8261

8/8

-26

8262

8/9

-27

-28

8263

8/10

-28

✓
 * 8/p

8264

-29

B687A1-B6-30

7/2-30

F31

8/9

8265

✓
P/p*

-31

8/11

8266

-32

8/7

8267

-33

8268

-34

8/13

8269

-35

-35

8/12

8270

✓
P/p*

-36

8/11

8271

-37

8/6

8272

Amy

8273	Bluebonnet	50	22.6	syn 44
bulked			28.0	
	Bluebelle	6-3		
8274	[Bluebonnet x Dawn]	(Beale P x Dawn)		
8274	Bk. 1 x Bat 50/2 x	8/5		17/3-1
				F3
8275		8/10		-2
8276	-3	8/16		-3
✓	*p/p			
8277				-4
8278				-5
8279		8/22		-6
8280				-7

9687A2-13¹/₂-8

1713-8

F₃

8281

-9

8282

-10

8283

-11

8284

-12

8/7

8285

-13

8/5

8286

-14

8/9

8287

-15

-15

8/16

8288

8/16 * ✓

8289	868772 -Bh-16 [Bluebell Black x (Belle P x Dawn)] x (Belt 50/2 x Jojinta) 8/8 17/3-16 F3
8290	8/6 -17
8291	8/7 -18
8292	8/9 -19
8293	-20 8/8 -20
8294	8/14 -21
8295	8/6 -22
8296	-23 8/10 -23

✓
*p/p

✓
*p/p

B687A2-B2-24
1713-24
F3-1

8/10

8297

✓
*p/p

-25

8298

-26

8/11

8299

-27

-27

8/11

8300

✓
*p/p

-28

8/18

8301

-29

8/15

8302

-30

8303

-31

8/15

8304

8305 B687A2-Bh-32 x (Blt 50/2 x Jojutla) 8/7 17/3-32 F3

8306 8/26 -33

8307 8/8 -34

8308 -35 8/10 -35

8309 8/17 -36

8310 8/30 -37

8311 8/7 -38

8312 -39 8/8 -39

368792-132-40

1713-40

F31

8/10

8313

-41

8/7

8314

-42

-41

8/8

8315

✓
p/b *

-43

-42

8/8

8316

✓
p/b *

-44

8/8

8317

-45

8/7

8318

-46

8319

-47

-47

8/5

8320

p/b * ✓

[Bluebelle x ~~Blue~~ x Belle x Dora]

B687A2-Bb-48 x (Bt 50/2 x Jintla)
8321 8/9 17/3-48
F3

8322 8/31 - 49

8323 8/16 - 50

8324 8/8 - 51

8325 8/11 - 52

Bluebelle
8326 8/10 2d.

B687A2-Bb-53
8327 8/8 17/3-53
✓
* 8/8

8328 8/10 - 54

B687A2) - Bl. 55

1713-55

F31

8/8

8329

✓
p/p *

-56

8/9

8330

-57

-57

8/3

8331

✓
p/p *

-58

8/10

8332

-59

8333

-60

8/13

8334

-61

8/7

8335

-62

8/9

8336

8687A2 - 62-63	Bluebelle Bluebelle (Belle L x Dawn)	x (Belt 50/2x Jojutla)	8/15	17/3-63	F3
8337					
✓					
*8/8					
8338			8/9		-64
8339					-65
8340	-66		8/8		-66
✓					
*8/p					
8341			8/6		-67
8342	-68		8/10		-68
✓					
*8/8					
8343	-69		8/7		-69
✓					
*8/p					
8344			8/6		-70

3687A2 - B2 - 71

1713 - 71

F3

8/11

8345

- 72

8/9

8346

- 73

8/8

8347

- 74

8/28

8348

- 75

- 75

8/6

8349

✓
1/8 *

- 76

8/23

8350

- 77

8/5

8351

- 78

8/10

8352

[Bluebelle x ~~Dawn~~] x (Belle P. Dawn)

B687A2 - Bb-79 x (Bht 50/2 x Joistla)
8353 8/9 17/3-79
F3

8354 8/8 -80

8355 8/8 -81

8356 -82 8/8 -82
✓ * p/p

8357 8/15 -83

8358 -84 8/10 -84
✓ * p/p

8359 8/8 -85

8360 -86 8/9 -86
✓ * p/p

B687A2-22-87

17/3-87

F37

8/13

8361

-88

8/29

8362

-89

8/12

8363

-90

8/13

8364

-91

8/30

8365

-92

8366

-93

8/31

8367

-94

8/5

8368

[Bluebelle ~~Patra~~] x (Belle Pe Dawn)

8687A2-132-95 x (But 50/2 x Joynette)

8369

8/8

17/3-95

F3

✓
*p/p

8370 -96

8/9

-96

✓
*p/p

8371

8/28

-91

8372 -98

8/7

-98

✓
*p/p

8373 -99

8/10

-99

✓
*p/p

8374 -100

8/6

-100

✓
*p/p

8375 Belle Patra

8/4

Ed

8687A2
8376

17/3-101

3687A2 - Bb - 102

1713-102

F37

8/8

8377

-103

8378

-104

8/16

8379

-105

-105

8/7

8380

Vp* ✓

-106

8381

-107

8/7

8382

-108

-108

8/9

8383

Vp* ✓

-109

8/25

8384

8385	B687A2-Bb-110	8/8	[Bluebella x Brown x Belle Px Dawn] x (But 50/2 x Jopetta) 17/3 - 11 F3
8386			-111
8387 ✓ *p/p	-112	8/12	-112
8388		8/8	-113
8389		8/27	-114
8390 ✓ *p/p	-115	8/7	-115
8391			-116
8392 ✓ *p/p	-117	8/14	-117

3687A2 - Bl - 118

1713 - 118

F3

8/24

8393

-119

-119

8/11

8394

p/p ✓ *

-120

-120

8/10

8395

p/p ✓ *

-121

8/15

8396

-122

8/29

8397

-123

8/10

8398

-124

-124

date

8399

p/p ✓ *

-125

8/12

8400

CR-6A
(Apr. 1962)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
Crops Research Division

FIELD NOTEBOOK
AGRONOMIC NOTES

If found, please tie securely and return to

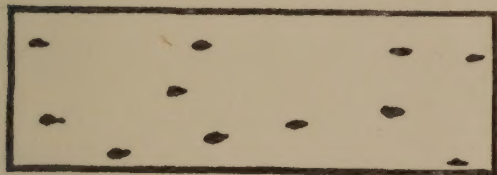
(Employee's Name)

(Street Address)

(City and State)

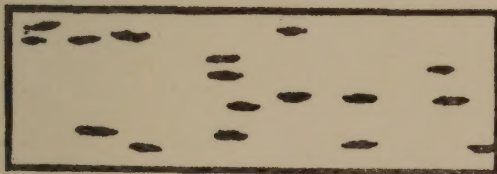
SCALE FOR ESTIMATING RUST

1



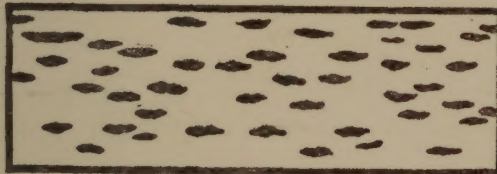
5%

2



10%

3



25%

4



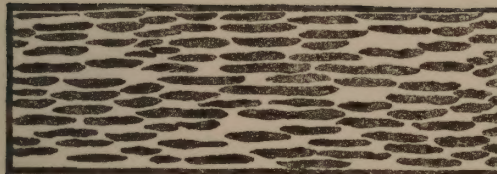
40%

5



65%

6



100%

Diagram showing six degrees of rustiness, which may be used in estimating the percentage of rust infection on leaf or stem. The shaded spots represent rust, and the figures represent approximately the rust percentages computed on the basis of the maximum amount of surface covered by rust as shown in the 100% figure. This figure (No. 6 in the diagram) represents 37% of actual surface and is arbitrarily selected as 100%. Other percentages are in terms of No. 6.

This scale is easy of application. A number of leaves are gathered from the row or plot at random, and a number of plants carefully examined for stem rust; these are compared with the diagrams and the proper figures recorded in the notebook. The plus or minus sign may be used to indicate a slightly greater or less amount of rust than the nearest figure.

While these figures may not express accurately the actual surface of host tissue rusted, they do provide a usable systematic method for recording rust infection, and will more intelligibly represent the facts than will figures showing resistance percentages or infection percentages on the 50% (maximum) basis.

1109 B
1123 A

too damaged
1 center + 1 N border

[Bluehellex Dawn] x [Bele To Dawn]
 B687A2-Rh.126 x (Bat 50/2 x Joynita)
 8401 8/8 1713-126 F3

8402 8/11 -127

8403 -128

8404 8/7 -129

8405 8/11 -130

8406 8/7 -131

8407 8/8 -132

8408 8/9 -133

3687A 2-Bk-134
1713-134
F3

8/13

8409

-135

8/17

8410

-136

8411

-137

8/16

8412

-138

8413

-139

8/18

8414

IR-8

8415

3688A 1-Bk-1
1714-1
F3

Saturn x IR-8

7/30

8416

Hg Hg

p/p *

B688A1-Bk-2 8417		Saturn XIR-8 8/4 17/4-2 F31	
8418 ✓ *p/p	-3	8/15 Hg Lg	-3
8419		8/16	-4
8420 ✓ *p/p	-5 normal	8/8 Hg Lg	-5
8421		7/29 Hg	-6
8422 ✓ *p/p	-7 deep + normal	7/29 Hg Lg	-7
8423		7/29	-8
8424 ✓ *p/p	-9 deep	8/11 Hg Lg	-9

Check sources; some rows have golds and
lfts !!

2

B688A1-B ₂ -10 1714-10 F3		8/19	8425
		Hg	
-11		8/19	8426
		Hg	
-12	-12	8/1	8427
		Hg Hg	p/ *
-13		8/2	8428
-14		8/2	8429
		Hg	
-15	tall	8/18	8430
-16	duf	8/15	8431
		Hg Hg	
-17		Hg	8432

B688A1-Bh-18
8433

Saturn x IR-8
8/28 1714-18
F3

8434

late
-19
normal

late

-19

Hg

8435

8/13

-20

Hg

8436

8/5

-21

Hg

8437

8/10

-22

8438

~~20~~ -23

7/28

-24

Hg

8439

7/29

-25

8440

~~20~~ ~~20~~ -25

7/29

-27

Hg

B688A1 - Bl - 26 1714-28 F3	druf	8/1 Hg Hg	8441 p/p *
-29		7/28 Hg	8442 p/p *
-30	-28 druf	7/28 Hg Hg	8443 p/p *
-32	-29	7/29 Hg Hg	8444 p/p *
-34	-30 druf - normal	7/29 Hg	8445 p/p *
-35		7/31 Hg	8446
-36		8/4 Hg	8447
-37	-33 druf	7/31 Hg	8448 p/p *

B688A1-Bh-34 8449		Saturn x 8/8 Hg		IR-8 17/4-28 F3
8450		7/27 Hg		-29
8451 ✓ *x/p	-36 diag. & normal	7/30 Hg by		-40
8452 ✓ *x/p	-37 normal	8/20 Hg by		-41
8453		8/10 Hg		-42
8454		7/30 Hg		-43
8455	Saturn	8/14		UN 12
B689A1-Bh-1 8456 ✓ *x/p		(T/N) x C.I. 9545 8/12 Hg		IR-8 17/5 F3

B689A1-B2-2

17/8

F₃

(T(1))IX C.I. 9545) x IR-8

8/14

8457

Hg Rg

p/p *

-3

8/14

8458

Hg Rg

p/p *

-4

8/26

8459

Hg Rg

p/p *

8/21

8460

Hg

8461

Hg

8/18

8462

Hg

-8

8/11

8463

Hg

p/p *

-9

8/14

8464

Hg Rg

p/p *

B689A1-Bk-10	(N)IX C.I. 9545)X IR-8
8465	8/20 17/5
✓ * p/p	F3
☆	ly

8466	8/11	✓
	Hg	

-12	8/18	✓
8467	ly	
✓ ☆		
* p/p		

-13	8/19	✓
8468	Hg ly	
✓		
* p/p		

8469	8/27	✓
	Hg	

8470	lat.	✓
	t	

B689A2-Bk-1	17/6
8471	

8472	8/25	✓
	Hg	

B689A2-B2-3

1716

F37

late

8473

✓

late

8474

✓

8/29

8475

✓

late

8476

✓

late

8477

✓

late

8478

✓

-9

8/11

8479

Hg Rg

p/g ✓

✓

-10

late

8480

Rg

p/g

8481 B689A2-Bk. 11		(T(N)XCZ. 9545) x IR-8 late		1716 F3 ✓
8482		late		✓
8483		8/16		✓
8484 ✓ * 8/8	-14	late hy		✓
8485 ✓ * 8/8	-15	8/19 Hg hy		✓
8486		late Hg		✓
8487		8/19 Hg		✓
8488 ✓ * 8/8	-18	8/11 Hg hy		✓

B689A2 - Bb - 14					8/26	8489
1716						
F37						
✓					8/31	8490
					hy	
✓		-21			8/15	8491
					hy	8/15 *
✓		-22			8/13	8492
					Hy hy	8/13 *
✓					8/27	8493
					Hy	
✓		-24			8/22	8494
					Hy hy	8/22 *
✓		-25			8/22	8495
					Hy hy	8/22 *
✓		-26			8/22	8496
					Hy hy	8/22 *

B689A2 - Bb-27 (T(N) x CI9545) x IR-8

8497

8/13

1716

F3

Hg₂

✓
*x/p

8498

8/14

✓

8499

8/14

✓

8500

8/22

✓

8501

8/15

✓

Hg

8502

8/28

✓

Hg

8503

-33

8/11

✓

✓
*x/p

Hg₂

8504

-34

8/18

✓

✓
*x/p

Hg₂

✓	8689A2 - Bb-35 17/6 F3	8/21 Hg	8505
✓		8/13 Hg	8506
✓	-37	late Hg	8507 PP * ✓
✓	-38	8/28 Hg	8508 PP * ✓
✓	-39	8/18 Hg	8509 PP * ✓
✓		late Hg	8510
✓		8/26 Hg	8511
✓		Hg	8512

B689A2 - Bk. 43

8513

(T(N)1 x CI. 9545) x IR-8

8/10

1716

F3

Hg Lg

88514

late

Hg

-45

88515

8/18

✓
☆ * P/P

Hg Hg?

88516

8/15

Hg

88517

8/14

Hg

88518

8/20

Hg

88519

-49

8/15

✓
* P/P

Hg Lg

88520

-50

8/18

✓
☆ * P/P

Lg

Amy

✓	B689A2-Bk-51 17/6 F31		8/22 H _g	8521	
✓		-52	8/14 H _g H _g	8522	p/p ✓
✓			8/26 H _g H _g	8523	
✓		-54	8/15 H _g	8524	p/p ✓
1403	17.0 57.5 4-6, 2-7	CI 9832	8/11	8525	bulked
✓	B689A2-Bk-55 17/6 F3		8/21 H _g H _g	8526	
✓		-56	8/18 H _g H _g	8527	p/p ✓
✓			8/28 H _g	8528	

8529	B68942 - Bk. 58	(T(2)1 x CL 9545) x IR-8	8/29	1716	F3
			Hg		
8530			8/20		✓
			Hg		
8531	-60		8/21		✓
✓ * p/p			Hg hg		
8532			8/20		✓
8533	-62		8/12		✓
✓ * p/p			hg		
8534			8/14		✓
8535			8/13		✓
			Hg		
8536					✓
			Hg		

B689A2-Bk-66

1716

F3:1

8/11

8537

hy

p/p * ✓

8/14

8538

-68

cleaner?

8/18

8539

Hy Ry

p/p * ✓

8/20

8540

Hy

-70

8/20

8541

hy

p/p * ✓

8/28

8542

Hy

8/27

8543

Hy

8/18

8544

Hy

B689A2-Bk-74
8545

(T(N)IXCI9545)XIR-8
8/25

1716

F3

Hg

8546

8/20

Hg Hg

8547

-76

8/17

Hg

✓
*pp

8548

8/16

Hg

-78

8549

8/19

Hg Hg

✓
*pp

8550

8/21

Hg

8551

8/28

Hg Hg

8552

-81

8/18

Hg Hg

✓
*pp

B689A2 - Bk-82

1716

F3

8/11

8553

Hg

✓

8554

✓

-84

8/17

8555

Hg

p/h *

✓

8/29

8556

Hg

✓

8/20

8557

✓

date

8558

hg

✓

-88

8/22

8559

hg

p/h *

✓

Hg

8560

B689A2-Bh-90
8561

(T(N)1XCI9545)XIR-8

8/21

17/6

F3

dy

8562

late

Hg

8563

late

dy

8564

late

8565

8/13

8566

-95

8/11

Hg dy

8567

-96

8/21

dy

8568

8/14

Hg

Amy

B689A2-Bk-98

17/6

F3

8/14

8569

Hg

Vp * ✓

✓

8/26

8570

Hg

vyn 4

18.0

56.0

6-6

Nova 66

8/20

8571

bulked

B689A2-Bk-100

17/6

F3

8/15

8572

Hg

✓

8/28

8573

Hg

✓

8/16

8574

Hg

✓

-103

8/15

8575

Hg

Vp * ✓

✓

late

8576

8577

check row

8/11

UYN 2



B68/DA1-Ab-1

8578

(CI 9545 x Nova) x IR-8

8/27

1717

F3

Hg

8579

8/25

✓

Hg

8580

8/14

✓

Hg

8581

8/14

✓

Hg

8582

8/14

✓

Hg

8583

8/19

✓

Hg

8584

tbl

8/15

✓

Hg

B68/DA1-Bk. 8

1717

F3

all normals?

8/14

8585

by

p/p *

-9

8/10

8586

normal

by

p/p *

-10

8/12

8587

normal & deep

Hy by

p/p *

-11

8/20

8588

deep

by

p/p *

8/16

8589

Hy

8/12

8590

normal

by

-14

8/14

8591

deep

Hy by

p/p *

late

8592

normal

Hy by

B68/D A1-Dk-16

8593

(CI 9545 x Nova) x IR-8

1717

late

F3

8594

-17

normal

8/19

Hg hg

✓
*p/p

8595

-18

normal + dwarf

8/15

Hg

✓
*p/p

8596

-19

dwarf

8/17

hg

✓
*p/p

8597

-20

dwarf

8/17

hg

✓
*p/p

8598

-21

normal + dwarf

8/20

Hg hg

✓ *p/p

8599

late

Hg

8600

8/18

Hg

Hg = hairy
hy = smooth

13

B6810A2-Bb-1

1718

F3

8/23

8601

Hg

✓

8/24

8602

Hg

✓

-3

taller
normal

8/11

8603

hy

p/p *

✓

-4

dup?

8/15

8604

hy

p/p *

✓

-5

normal

8/26

8605

Hg hy

p/p *

✓

8/28

8606

✓

-7

dup?

leaver?

8/17

8607

hy

p/p *

✓

8/29

8608

Hg

B6810A2-Bb-9 (CI9545xNova)xIR-8

8609

late

1718

F₃

Hg

8610

8/30

✓

Hg

8611

8/19

✓

Hg

8612

-12

8/19

✓

surfs

* 8/8

hg

8613

late

✓

fall

8614

8/26

✓

Hg hg

8615

8/14

✓

8616

-16

surfs?

8/22

✓

* 8/8

hg

✓	B6810A2 - Bk-17 17/8 F ₃	duf & normals?	8/12 hg	8617 p/p *
✓			8/14	8618
✓		-19 duf & normals?	8/10 hg	8619 p/p *
✓			8/23	8620
✓			8/21	8621
✓		-22 some duf?	8/15 Hg Rg	8622 p/p *
✓		-23 duf	8/12 Hg Rg	8623 p/p *
✓			8/10	8624

8625	Saturn	8/14	UYN 12
8626	B6810A2)-Bk. 25 (CI 9545x Nova) x IR-8 8/21 Hg hg 17/8 F3		
8627	-26 *p/p dwarf?	8/14 Hg hg	-
8628	-27 *p/p taller normals	8/12 hg	-
8629	-28 *p/p normals & dwarf?	8/18 Hg hg	-
8630		8/17	-
8631	-30 *p/p dwarf?	8/19 Hg hg	-
8632	-31 *p/p dwarf Jest	8/17 Hg hg	-

B6810A2 - Bk. 32

1718
F₃

dwf

8/22

8633

hy?

p/p *

-33

normal & dwf

8/29

8634

hy

p/p *

8/30

8635

Hq hy

8/27

8636

-36

some dwf ?

8/29

8637

hy

p/p *

8/22

8638

8/28

8639

-39

normal & dwf

8/14

8640

p/p *

86810A2-Bh-40 (CI 9545 x Nova) x IR-8

8641

8/20

17/8

F₃

Hg

8642

8/16

✓

Hg

8643

8/14

✓

Hg

8644

8/28

✓

Hg

8645

8/10

✓

8646

8/16

✓

Hg

8647

8/13

✓

8648

-47

8/14

✓

anf

Hg by

* 2/8

B6810A Q 3-B6-1 1719 F3/	normal & deep	8/10 Hg	8649 Vp *
B6810A 3 1719 F3		8/21 Hg	8650
✓		8/26	8651
✓		8/25	8652
✓	-5 normal & deep	8/11 Hg	8653 Pp * ☆
✓	-6 normal & deep	8/19 Hg Hg	8654 Vp *
✓	-7 normal	8/23 Hg	8655 Pp *
✓		8/14	8656

8657	B6810A2-Bk-9 (CI 9545x Novan) x IR-8	8/23	1719
		Hg Rg	F3
8658			✓
8659		8/19	✓
		Hg	
8660		8/25	✓
		Hg Rg	
8661		8/17	✓
		Hg	
8662		8/17	✓
		Hg	
8663		8/16	✓
8664		8/18	✓
		Hg	

Amy

IR-8

UYN 41 25.2
30.0
6.7

9/18

8665

bulked

B681/A1-Rh-1 (TN)IXCI9545) x IR-8

1720

F₃

8/19

8666

hy

7/8 *
☆

8/19

8667

p/h *

8/25

8668

8/16

8669

hy

-5

8/20

8670

Hy hy

p/h *
☆

-6

8/14

8671

hy

p/h *
☆

-7

8/27

8672

hy

p/h *
☆

B6811A1 - Bk - 8

8673

(T(N)1 x CI9545) x IR-8

1720

F3

8674

8/21

-

8675

-10

8/24

-

*p/p

Hg by

8676

-11

8/20

-

★

*p/p

Hg by?

8677

8/25

-

8678

8/23

-

8679

-14

8/15

-

*p/p

by

8680

-15

8/20

-

*p/p

by

B6811A-1-Bh-16

1720

F3

8/13

8681

Hg

p/p *

✓

8/14

8682

Hg Hg

-18

✓

8/19

8683

Hg

some class?

p/p * ☆

✓

8/16

8684

Hg Hg

✓

8/22

8685

✓

8/23

8686

✓

8/15

8687

-23

✓

8/16

8688

Hg

p/p * ☆

86889	B6811A1-Bh. 24	(7(N)1 x CI. 9545) x IR-8 8/14	1720 F3'
8690		8/20 Hg	—
8691		8/15 Hg	—
8692		8/17 Hg Hg	—
8693	-28 clear	8/17 Hg Hg	—
8694	☆ x p/p	8/19	—
8695		8/19	—
8696		8/19	—

B6811A1-B6-32

1720

F37

late

8697

lg

-33

8/16

8698

Hg by

tip *

-34

late

8699

lg

tip *

8700

8/21

8701

8/19

8702

Hg by

8/25

8703

8/14

8704

B6811A1-Bh-40 8705		(T(N)1xC.I.9545)x 8/15 Hg Hg	IR-8 1720 F3
8706		8/28 Hg Hg	✓
8707		8/25 Hg	✓
8708		8/30 Hg	✓
8709	-44	8/20 Hg Hg	✓
8710		8/14 Hg Hg	✓
8711	-46	8/15 Hg	✓
8712		8/26 Hg Hg	✓

B6811A1-Bk-48

1720

F3

8/17

8713

✓

8/15

8714

✓

8/22

8715

Hg Hg

-51

✓

8/25

8716

bulk for 1971 yield trial!

rel. uniform

Hg

HP



-52

✓

8/17

8717

Hg Hg

HP *

✓

8/25

8718

✓

8719

✓

8/25

8720

05
8721

Saturn Rogue

8/28

1721

8722

✓

8/27

8723

✓

8/27

8724

✓

8/27

8725

Discard all

8/30

8726

✓

8/31

8727

✓

8/27

8728

✓

8/23

Saturn *Rogue*

1721

8/30

8729

✓ 8/25

8730

✓ 8/25

8731

✓ 8/25

8732

✓ 8/22

8733

✓ 8/25

8734

✓ 8/22

8735

✓ 8/27

8736

Discard all

Amy

H - 1969-70 Hawaiian Nursery

8737 bulkcd	Dawn	8/18	23.8 18.0 1-2, 3-3, 2-4	2ol.
B686A 8738 *p/p	1-Bb-H6-Bb-rr	8/11	[(Bluebella x Dawn) x (Bellefata x Dawn)] x (Blat 50/2x Joputla)	H-2006 1709-6
8739		8/9		H-2011
8740		8/2		H-2021
8741 *p/p	A1-BL-H²⁶0-BL	8/1		H-2026 1709-26
8742		8/8		H-2031
8743		8/5		H-2034
8744		8/10		H-2035

B686A1

H-2036

8/9

8745

H-2037

8/13

8746

H-2041

8/28

8747

H-2043

8/21

8748

H-2047

A1-06-H.47

8/9

8749

1709-47

P/P *

H-2050

8/17

8750

H-2063

8/3

8751

H-2064

8/1

8752

B686A1 8753	[Bluehale x Dawn] x (Bele P x Dawn) x (Blt 50/2 x Jojutha) 8/17	H-2066
B686A2 8754	8/20	H-2070
8755	8/3	H-2071
8756	8/14	H-2072
8757	8/16	H-2078
8758	8/9	H-2079
8759	8/21	H-2084
8760	8/15	H-2085

B686A2

H-2085

8/10

8761

H-2103

8/4

8762

A2-Bk-H.35

H-2104

1710-35

8/5

8763

8/5 *

H-2119

8764

B686A3

H-2121

8/10

8765

A3-Bk-H.4-Bk

H-2123

1711-4

8/3

8766

8/3 *

H-2126

8/6

8767

H-2128

8/10

8768

B686A3
8769

[Bluebelly x Dawn] x (Belle x Dawn)
x (Blt 50/1 x Jojuttle)
8/5 H-2129

8770

A3-Rb-H12-Rb

8/11

H-2131
1711-12

8771

8/17

H-2133

8772

A3-Rb-H17-Rb

8/6

H-2136
1711-17

8773

8/11

H-2137

8774

A3-Rb-H19-Rb

8/5

H-2138
1711-19

8775

8/5

H-2139

8776

-H.21-Rb

8/5

H-2140
1711-21

B686A3-Bk-A.23-Bk H-2142 1711-23		8/14	8777 p/p *
H-2144 1711-25	- H.25-Bk	8/18	8778 p/p *
H-2145		8/15	8779
H-2146		8/13	8780
H-2147		8/14	8781
H-2148 1711-29	- H.29-Bk	8/2	8782 p/p *
H-2151		8/17	8783
H-2152		8/20	8784

B686 8785 *P/P	2-04-4.36-02 x (Bluehelle x Dawn) x (Belle P x Dawn) (But 50/2 x Jojutla)	8/10		H-2155 1711-36
8786		8/28		H-2156
8787 *P/P	-H.38-Bh	8/9		H-2157 1711-38
8788 *P/P	-H.40-Bh	8/7		H-2159 1711-40
8789		8/5		H-2160
8790 ✓ *P/P	-H.43-Bh	8/11		H-2162 1711-43
8791		8/8		H-2163
8792 *P/P	-H.45-Bh	8/10		H-2164 1711-45

B686A3				8/4	8793
H-2165					
H-2166				8/6	8794
H-2167				8/4	8795
H-2168	A3-BL-H-49-BL			8/7	8796
1711-49					pg *
H-2170				8/11	8797
H-2178				8/10	8798
H-2180	-H.61-BL			8/5	8799
1711-61					pg *
H-2183				8/8	8800

B686A3 8801	[(Bluebelly x Dawn) x (Belle P x Dawn)] x (Blk 50/2 x Jojintla) 8/11	H-2185
8802	8/11	H-2190
8803 * p/p	A3-Bl-H. 73-Bl 8/5	H-2192 1711-73
8804	8/11	H-2198
8805	8/17	H-2202
8806	8/8	H-2203
8807	8/28	H-2205
8808 * p/p	-H. 87-Bl 8/4	H-2206 1711-87

8682A 1. I Bluebell X (B.P. & D.) X (B.P. & D.) X Jojo (L.A.)
 Bb-H. & Bb. 8/13 8809

H-2208

-H₂-Bb

H-2209

8/15

8810

1712-2

✓
p/p *

H-2210

8/15

8811

H-2211

8/15

8812

H-2213

-H₆-Bb

8/11

8813

1712-6

✓
p/p *

H-2214

8/15

8814

H-2218

8/15

8815

H-2219

8/16

8816

B687A1 8817	[Bluebelly Q x (Bell P x Dawn)] x (Bell 50/2 x Jojutta) 8/13 H-2220
8818	8/7 H-2223
8819	H-2224
8820	8/10 H-2225
8821 ✓ *p/p	A1 - Q - H.20 - BA 8/9 H-2227 1712-20
8822	8/13 H-2229
8823	H-2230
8824	8/7 H-2232

Amy

Blanchonnet 50			
44N 44	21.4		8825
	30.0		
	5-3, 1-4		bulked
B687A1-Bl. H.27-Bl			
H-2234		8/12	8826
1712-27			p/p *
-H.28-Bl			
H-2235		8/8	8827
1712-28			☆ ✓
			th *
H-2236		8/12	8828
H-2238		7/31	8829
B687A2-Bl. H.1-Bl			
H-2244		8/7	8830
1713-1			p/p *
-H.3-Bl			
H-2246		8/14	8831
1713-3			p/p *
-H.4-Bl			
H-2247		8/9	8832
1713-4			p/p *

B687A2 8833	[Bluebell x Blue] x (Beef P x Dam) x (Bht 50/2 x Founte) 8/29	H-2248
8834		H-2249
8835		H-2250
8836		H-2252
8837	8/17	H-2253
8838		H-2254
8839	8/5	H-2256
8840	A2-BH-H/4-BH 8/6	H-2257 1713-14

✓ * 8/8

B687A2

8/12

8841

H-2258

A 2 - Bl - H. 17 - Bl

H-2260

8/17

8842

1713-17

8/17 *

H-2264

8/16

8843

H-2265

8/12

8844

H-2269

8/12

8845

-H. 28 - Bl

H-2271

8/15

8846

1713-28

8/15 *

H-2273

8847

H-2279

8/20

8848

8849	B687A2-Bb-H.40-BL *p/p	[Bluebell x Black] x (Belle P. Dawn) (Blut 50/2 x Jojuttla) 8/13	H-2283 1713-40
8850	-H.42-BL *p/p	8/7	H-2285 1713-42
8851		8/21	H-2289
8852	-H.48-BL *p/p	8/13	H-2291 1713-48
8853	-H.53-BL *p/p	8/10	H-2296 1713-53
8854		8/8	H-2298
8855	-H.57-BL *p/p	8/3	H-2300 1713-57
8856		8/13	H-2303

B687A2					8857
H-2308					
A2-BL-H66-Bk					
H-2309 1713-66			8/4		8858 p/p *
H-2310			8/2		8859
H-2313 1713-70		-H.70-Bk	8/7		8860 p/p *
H-2317 1713-74		-H.74-Bk	8/30		8861 p/p *
H-2319					8862
H-2320			8/6		8863
H-2322			8/9		8864

8865 *p/p	3687A2) - Bl - H83-Bl X	[Bluebelly x Damn] x (Becky Px Damn) 8/10	(Blut 50/2x Jyustla)	H-2326 1713-83
8866		8/10		H-2328
8867		8/13		H-2330
8868		8/13		H-2332
8869				H-2333
8870		8/13		H-2334
8871				H-2335
8872				H-2336

B687A2				8/6	8873
H-2337					
H-2338	A2-Bk-H.95-Bk			8/7	8874
1713-95					PA *
H-2339				8/5	8875
H-2340					8876
H-2342	-H.99-Bk			8/5	8877
1713-99					PA *
H-2343				8/17	8878
H-2344	-H.101-Bk			8/6	8879
1713-101					PA ✓ *
H-2345				8/8	8880

B687A2
8881

[Bluebell x ~~Bell~~] x (Belle P x Dawn)
x (Belt 50/2 x Jojintla)
H-2346

8882

8/15

H-2347

8883

8/5

H-2348

8884

8/19

H-2349

8885

A2-B6-A10F-Rh

8/16

H-2351
1713-108

✓ x p/p

8886

8/18

H-2352

8887

8/3

H-2353

8888

8/17

H-2354

Amy

B687A2)

8/27

8889

H-2357

H-2359

8890

H-2360

8/12

8891

A2-Bb-H.124-Bh

H-2367

8/30

8892

1713-124

p/p *

H-2368

8/18

8893

H-2373

24.8

19.0

3-3, 3-4

Dawn

8/17

8894

bulked

B671A2)

H-2379

39-M. Bl. Bl-H.3-Bh

Bluebelle 1/2 x Belle Patna x Dawn)

8/9

8895

H-2382)

A2-41-M. Bl. Bh H3-Bh

8/12

8896

p/p *

B67/A2
8897

Bluebell/2x (Bell Latua x Daon)
8/15

H-2383

8898

A2-43-M.Bb-Bb-H.3-Bb
8/12

H-2385

*p/p

8899

A2-72-M.Bb-Bb-H.1-Bb
8/10

H-2386

*p/p

8900

8/12

H-2388

8901

8/12

H-2389

8902

8/12

H-2391

8903

8/15

H-2392

8904

A2-121-M.Bb-Bb-H.1-Bb
8/10

H-2395

*p/p

B671A2-121-No.Bk-Bk H₂-Bk

8/10

8905

H-2396

*p/p

-H₃-Bk

H-2397

8/10

8906

*p/p

H-2398

8/13

8907

H-2399

8/10

8908

H-2400

8/11

8909

A2-154-M.Bk-Bk-H1-Bk

H-2401

8/11

8910

p/p *

H-2402

8/12

8911

-H₃-Bk

H-2403

8/12

8912

p/p *

B67/A2 8913	Bluebelle 1/2x (Belle Paton x Dawn) 8/8	H-2405
8914	8/10	H-2406
8915	A2-192-Mo.Bk-Bk-H.1-Bk 8/7	H-2407
*p/p		
8916	-H.2-Bk 8/10	H-2408
*p/p		
8917	8/10	H-2409
B65/A1 8918	Bluebelle x Dawn 8/8	H-2410
8919	8/6	H-2412
8920	8/5	H-2415

Q665A1				Dawn x Bluebelle		
				8/10		8921

H-2416

H-2417

8/10

8922

H-2418

8/10

8923

H-2419

8/10

8924

H-2420

8/12

8925

H-2421

8/12

8926

H-2422

8/11

8927

H-2423

8/11

8928

B665A1

8929

Dawn x Bluebelle

8/13

H-2424

8930

8/10

H-2425

8931

8/16

H-2426

8932

8/16

H-2427

B6612A1

8933

Bluebelle / x Dawn

8/9

H-2428

8934

8/4

H-2429

8935

8/6

H-2430

8936

8/10

H-2431

B66 12A1

Bluebelle/2 x

Dawn

8/11

8937

H-2432

H-2433

8/12

8938

H-2434

8/9

8939

H-2435

8/10

8940

H-2436

8/10

8941

H-2437

8/10

8942

H-2438

8/10

8943

H-2439

8/10

8944

B6612A2
8945

Bluebell 1/2x Dawn
8/9 H-2440

8946

8/9

H-2441

8947

8/9

H-2442

8948

8/10

H-2443

8949

8/10

H-2444

8950

8/8

H-2445

8951

8/9

H-2446

8952

8/9

H-2447

B6612A2

H-2451

8/5

8953

H-2452

8/5

8954

H-2453

8/7

8955

H-2454

8/5

8956

H-2455

8/15

8957

H-2457

8/10

8958

H-2458

8/10

8959

H-2459

8/11

8960

B6612A2 8961	Bluebell/2x 8/10	Dawn H-2460
-----------------	---------------------	----------------

8962	8/9	H-2461
------	-----	--------

8963	8/9	H-2462
------	-----	--------

8964	8/9	H-2463
------	-----	--------

8965	8/15	H-2464
------	------	--------

8966	8/16	H-2465
------	------	--------

8967	8/12	H-2470
------	------	--------

8968	8/10	H-2471
------	------	--------

B6612A3

H-2473

8/9

8969

H-2475

8/5

8970

H-2477

8/10

8971

H-2478

8/10

8972

H-2479

8/11

8973

H-2481

8/6

8974

H-2482

8/9

8975

H-2483

8/6

8976

88
B66/2A2
8977

Bluebelle/2 x Dawn
8/10 H-2484

8978

8/11

H-2485

8979

8/14

H-2486

8980

8/11

H-2487

8981

8/10

H-2488

8982

8/11

H-2489

8983

8/9

H-2491

8984

8/9

H-2492

B6612A3

H-2493

8/9

8985

H-2494

8/9

8986

H-2495

8/10

8987

H-2496

8/10

8988

H-2497

8/10

8989

H-2498

8/10

8990

B661A1

H-2506

Bluebelle x (Belle Px Dawn)

8/9

8991

H-2507

8/17

8992

8661A1
8993

Bluebell x (Bele Px Dawn)

8/15

H-2508

8661A2
8994

8/13

H-2518

8995

H-2519

8996

8/10

H-2520

8997

H-2525

8998

8/17

H-2527

8999

8/17

H-2533

9000

8/29

H-2534

2661A2
H-2535

8/10

9001

H-2536

8/11

9002

H-2538

8/15

9003

H-2539

8/12

9004

H-2540

8/9

9005

H-2541

8/12

9006

H-2546

8/9

9007

H-2547

8/5

9008

B661A1 9009	Bluebell x (Bele Pk Dawn)	8/5	H-2548
9010		8/11	H-2549
9011		8/12	H-2550
9012		8/12	H-2552
B662A1 9013		8/11	H-2560
9014		8/11	H-2561
9015		8/10	H-2562
9016		8/12	H-2565

B662A2				8/10	9017
H-2569					
H-2570				8/11	9018
H-2571				8/9	9019
B6616A1	Bluehills	X (B.A. X D.)		8/11	9020
H-2573					
B6616A2 - 18-82-2-5-H.1-82				8/11	9021
H-2575				at row	8/6 *
H-2576				8/11	9022
H-2577				8/11	9023
B6616A3					
H-2578				8/8	9024

B6616A3 9025	Bluebellex (Bele Patna 2 Down) 8/9	H-2579
A3-18-B4-4-5-H.3-B4 9026 *8/8	8/3 stew	H-2580
B6616A4 9027	8/10	H-2582
B6616A2 9028	8/5	H-2584
9029	8/4	H-2585
9030	8/3	H-2586
9031	8/10	H-2589
9032	8/6	H-2590

B6616A2-38-Bk-1-9-H.2-Bk

8/8

9033

H-2591

stew

p/p *

H-2592

8/6

9034

H-2593

A2-38^{ob}-7-4-H.1-Bk

8/8

9035

stew

p/p *

H-2594

8/8

9036

H-2596

8/3

9037

H-2597

8/7

9038

H-2598

8/7

9039

H-2599 A2-38-Bk-17-6-H.1-Bk

8/8

9040

stew

p/p *

B6616A2 9041	Bluebelle x (Belle Patra x down)	8/5	H-2600
9042		8/6	H-2601
9043		8/7	H-2602
9044		8/10	H-2603
9045 * 8/8	A2-3P-Bk-19-8-H.3-Bk	8/10 2/4	H-2604
9046		8/2	H-2605
9047		8/9	H-2606
9048		8/10	H-2607

Q6616A2 H-2608		8/5	9049
H-2609		8/10	9050
H-2610		8/10	9051
H-2611		8/5	9052
H-2612		8/10	9053
H-2613		8/10	9054
H-2614		8/10	9055
H-2615		8/5	9056

B6616A2
9057

Bluebellex (Belle Px Dawn)
8/6

H-2616

B6616A3
9058

8/10

H-2617

9059

A3-26-Bk-6-3-H2-Bk

8/8

H-2618

*p/p

stems

9060

8/11

H-2619

9061

8/5

H-2628

9062

8/4

H-2634

B6616A4-34-BK-12-1-H2-Bk
9063

8/8

H-2648

*p/p

stems

B6210A
9064

Dawnx CI 9187
8/17

H-2689

B6210A H-2690				Damx CI 8/17	9187 9065
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H-2691				8/17	9066
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H-2692				8/17	9067
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H-2693				8/16	9068
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H-2694				8/17	9069
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H-2695				8/16	9070
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H-2696				8/16	9071
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H-2697				8/14	9072
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B6210A 9073		Damox C.L. 9187 8/14	H-2702
9074		8/16	H-2704
9075		8/13	H-2705
9076		8/15	H-2706
9077		8/10	H-2711
9078		8/22	H-2713
9079		8/21	H-2714
9080		8/20	H-2715

36210A				8/14	9081
H-2716					
H-2717				8/17	9082
H-2718				8/18	9083
H-2719				8/18	9084
H-2720				8/14	9085
H-2721				8/10	9086
H-2722				8/15	9087
H-2723				8/15	9088

B6210A
9089

Dawn x C.I. 9/87
8/19

H-2724

9090

8/19

H-2725

9091

8/18

H-2726

9092

8/15

H-2727

9093

8/28

H-2728

9094

8/22

H-2729

9095

8/5

H-2730

9096

8/17

H-2731

B6210A				8/23	9097
H-2732					
H-2739				8/19	9098
H-2740				8/20	9099
H-2741				8/21	9100
H-2742				8/20	9101
H-2743				8/16	9102
H-2744				8/17	9103
H-2745				8/15	9104

B6 210A
9105

Dawson x C.I. 9187
8/18 H-2746

9106

8/15 H-2747

9107

8/19 H-2748

9108

8/15 H-2752

9109

8/18 H-2753

9110

8/19 H-2754

9111

8/12 H-2756

9112

8/21 H-2758

Amy

B6210B H-2759			8/18	9113
H-2760			8/20	9114
H-2761	25.2	CI 9545	8/20	9115
		6-7		bulkcd
B6335 H-2766			CI 9545 x Dawn 8/8	9116
H-2787			8/18	9117
H-2788			8/20	9118
H-2789		A1-2-4-1-1-1-5-H.3-Bk	8/17	9119
		taller good lghts		p/b *
H-2802		A1-3-3-5-5-2-H.1-Bk	8/13	9120
		lght short		p/b *

66335
9121

C.I. 9545 x Down
8/22

H-2813

9122

8/20

H-2814

9123

A1-4-7-1-3-3-H.2-Bk

8/14

H-2815

*p/p

ngts
spalled

9124

-H.3-Bk

8/16

H-2816

*p/p

ngts
spalled

9125

8/18

H-2817

9126

8/14

H-282

9127

8/8

H-2821

9128

A1-5-4-1-2.2-H.3-Bk

8/11

H-2822

*p/p

ngts
spalled

B6335						
H-2835					8/27	9129
H-2836					8/21	9130
H-2837					8/13	9131
H-2838	A 2-1-4-2-5-1-H1-Bk				8/14	9132
		lyto spallent				8/14
H-2839					8/14	9133
H-2840					8/15	9134
H-2842					8/17	9135
H-2850	A 2-2-3-6-4-3-H1-Bk				8/22	9136
		lyto spallent				8/22

B6335
9137

C.I. 9545 x Dawn

8/16

H-2852

9138

A 2-2-6-2-2-3-H.3-Bk

8/22

H-2858

*p/p

lgt
excellent

9139

B6334 A 2-1-8-2-5-3-M.4-Bk-H.1-Bk

8/17

H-2874

nice clear mths
excellent find
stone hull

*p/p
☆

B6335 A
9140

8/18

H-2895

9141

B6335 A 1-6-3-2-5-M.5-Bk-H.2-Bk

8/18

H-2896

*p/p

mths
excellent

9142

8/19

H-2899

9143

A 1-8-7-3-1-M.1-Bk-H.3-Bk

8/14

H-2900

*p/p

lgt
excellent

B6334 A
9144

1-1-2-1-6-3-H.4-BK C.I. 9545 x Nova

8/13

H-2910

*p/p

lgt
excellent

B6334	CT 9545 x	Nov	8/20	9145
H-2912				
H-2913	all hairy!		8/8	9146
H-2915	A1-1-2-1-9-2-H.1-Bk		8/14	9147
	sgt epidemic			8/8 *
H-2917			8/14	9148
H-2919			8/15	9149
H-2911	A1-1-2-1-8-5-H.1-Bk		8/14	9150
	sgt epidemic			8/8 *
H-2914			8/14	9151
H-2922	A1-1-2-1-11-3-H.4-Bk		8/11	9152
	sgt epidemic			8/8 *

B6334
9153

C.I. 9545 x Nova

8/11

H-2936

9154

8/12

H-2937

9155

8/13

H-2938

9156

A1-1-7-2-2-5-H.1 - Bk

8/16

H-2947

9157

-H.2- Bk

8/11

H-2948

9158

-H.3- Bk

8/16

H-2949

9159

-H.5- Bk

8/20

H-2951

9160

-H.6- Bk

8/19

H-2952

B6334 A1-1-7-2.2.5-H.8-Bk

8/12

9161

H-2954

clear mfg

P*

H-2955 A1-1-7-6-1-1-H.1-Bk

8/10

9162

clear mfg

P*

H-2956

8/12

9163

H-2957

8/11

9164

H-2958

-H.4-Bk

8/9

9165

clear mfg

P*

H-2963

8/17

9166

H-2964

H.1-1-9-3-4-2-H.2-Bk

8/15

9167

clear mfg

P*

H-2965

8/14

9168

86334 9169		C.I. 9545x Nova 8/14	H-2966
9170	A2-1-8-1-3-1-H.1-B6 dark mfg	8/13	H-2979
9171	very chalky	8/12	H-2995
9172		8/26	H-303
9173		8/25	H-3035
9174		8/23	H-3039
9175		8/18	H-304
9176		8/14	H-304

36334

8/15

9177

H-3049

H-3050

8/13

9178

H-3075 A1-1-3-7-Bk-3-H.1-Bk

8/11

9179

clear mfg

p/p *

H-3076 -H.2-Bk

8/10

9180

clear mfg

p/p *

H-3095

8/28

9181

H-3097

8/28

9182

H-3096 A1-1-7-2-4-Mo.2-Bk-H.2-Bk

8/28

9183

clear mfg

p/p *

H-3098

8/20

9184

Q6337
9185

C.I. 9545x (Lugrose) PI 21593
8/13 H-3128

9186

A1-Bk-Bk-2-1-2-H.3-Bk

mgts

8/13

H-3129

* 7/10

excellent plant

9187

8/13

H-3130

9188

8/12

H-3131

9189

8/11

H-3132

9190

A1-Bk-Bk-2-4-1-H.2-Bk

mgts

8/13

H-3133

* 7/10

excellent plant

9191

8/13

H-3134

9192

8/13

H-3135

B6337				8/13	9193
H-3136					
H-3137				8/12	9194
H-3138				8/13	9195
H-3139				8/12	9196
H-3140	A1-Bk-Bk-4-3-3-H.4-Bk myto			8/10	9197
	excellent	plant			pg*
H-3141				8/12	9198
H-3147				8/13	9199
H-3148				8/12	9200

1970 S. N. P.

&

Duplicate Plots

7530-274-5494
FEDERAL SUPPLY SERVICE
(GPO)

1970 SNP:
General Field Notes

- 501 gold; HF; colorless op; no distorted glumes; mod. sterility;
mod. tall; less sturdy
- 502 straw; HF; purple op (some colorless); some distorted
glumes; mod. sterility; mod. ht.
- 503 gold; HF; purple op; no distorted glume; mod.
sterility; mod. tall;
- 504 gold; HF; colorless op; no distorted glumes; more
sterility; mod. tall; less sturdy;
- 505 gold; HF; purple op; many distorted glumes; mod.
sterility; many straw off-types; less sturdy.
- 506 gold; HF; purple op; some distorted glumes; mod. to
heavy sterility; less sturdy.
- 507 gold; HF; colorless op; no distorted glumes; mod. to heavy
sterility; taller & less sturdy
- 508 gold; HF; colorless op; no distorted glumes; mod. sterility;
taller & less sturdy.
- 509 gold; HF; colorless op; no distorted glumes; mod.
sterility; mod. tall & less sturdy;
- 510 gold; HF; colorless op; no distorted glumes; mod.
sterility; mod. tall; less sturdy

511 straw; HF; purple ap; no distorted glumes; mod. sterility; mod. tall; not sturdy;

512 straw; HF; purple ap; tall; not sturdy; no distorted glumes; mod. sterility; Belle Patra.

513 gold; HF; colorless ap; no distorted glumes; mod. sterility; mod. ht; fairly sturdy; nice big lft.

514 gold; HF; colorless ap; no distorted glumes; mod. sterility; mod. ht. and fairly sturdy;

515 gold; HF; purple ap; no distorted glumes; mod. sterility; mod. ht; quite sturdy.

516 gold; HF; purple ap; shorter; no distorted glumes; mod. sterility; fairly sturdy.

517 gold; HF; colorless ap; no distorted glumes; mod. ht; not sturdy.

518 gold; HF; purple ap; no distorted glumes; mod. tall; less sturdy; mod. sterility.

519 gold; VF; purple ap; mod. ht; quite sturdy; no distorted glumes; mod. sterility; Bluebell.

520 straw; VF; purple ap; grain too slender?; distorted glumes on most panicle; mod. sterility; mod. tall but fairly sturdy.

521 straw; VF; purple op; some distorted glumes; mod. sterility; mod. short; sturdy.

522 straw; VF; purple op; no distorted glumes; mod. sterility; mod. ht; sturdy; somewhat variable for ht;

523 straw; VF; seg. of color; shorter; no distorted glumes; mod. sterility; very sturdy.

524 straw; VF?; purple op; no distorted glumes; mod. sterility; sturdy.

525 straw; VF?; purple op; no distorted glumes; mod. sterility; sturdy.

526 straw; VF; purple op; no distorted glumes; mod. sterility; sturdy.

527 straw; VF; purple op; no distorted glumes; mod. sterility; sturdy.

528 straw; VF; purple op; trace of distorted glumes; mod. sterility; somewhat taller but sturdy.

529 straw; VF; purple op; no distorted glumes; mod. sterility; sturdy;

530 gold; VF?; purple op; trace distorted glumes; shorter plant; very sturdy.



531 gold; VF?; colorless sp; no distorted glumes; somewhat more leafy; sturdy; mod. sterility.

532 gold; VUF; colorless sp; trace distorted glumes; excellent plant; very sturdy; mod. sterility.

533 gold; UF; colorless sp; grain questionable; no distorted glumes; mod. sterility; somewhat taller but sturdy.

534 gold; UF; colorless sp; no distorted glumes; mod. sterility; taller but sturdy.

535 gold; UF; purple sp; no distorted glumes; mod. sterility; sturdy.

536 gold; UF; colorless sp; no distorted glumes; mod. sterility; sturdy.

537 gold; UF; colorless sp; more sterility?; some distorted glumes; very sturdy.

538 gold; UF; purple sp; no distorted glumes; mod. sterility; sturdy.

539 gold; UF; seg. sp. color; no distorted glumes; mod. sterility; sturdy.

540 gold; UF; purple sp; trace of distorted glumes; sturdy; mod. sterility; uniform.

541

gold; UF; purple ap; no distorted glumes; mod.
sterility; very sturdy;

542

gold; UF?; colorless ap; no distorted glumes; mod.
sterility; shorter & very sturdy.

543



gold; UF; purple ap; shorter; very sturdy; no
distorted glumes; mod. sterility;

544



gold; UF; purple ap; trace of distorted glumes;
mod. sterility; sturdy;

545

gold; UF?; purple ap; some slightly distorted glumes at
tips of panicles; sturdy; mod. to heavy sterility;

546

gold; UF; purple ap; no distorted glumes; sturdy;
mod. sterility.

547

gold; UF?; seg. of color; no distorted glumes; mod.
sterility; sturdy.

548

gold; UF?; colorless ap; no distorted glumes; mod. sterility;
sturdy.

549

gold; UF; seg. of color; no distorted glumes; mod. to
heavy sterility; short & sturdy.

550

gold; HF; colorless ap; more leafy?; no distorted
glumes; mod. sterility; sturdy

- 551 gold; UF?; colorless ap; no distorted glumes; mod. sterility; sturdy.
- 552 gold; UF; purple ap; no distorted glumes; mod. sterility; Blueville; mod. sturdy.
- 553 gold; UF?; purple ap; no distorted glumes; sturdy; mod. sterility.
- 554 gold; UF; seg. ap. color; shorter; no distorted glumes; sturdy; mod. sterility.
- 555 gold; UF; purple ap; no distorted glumes; mod. sterility; mod. tall; somewhat less sturdy.
- 556 gold; HF?; colorless ap; no distorted glumes; mod. sterility; sturdy;
- 557 gold; UF; purple ap; trace of distorted glumes; mod. sterility; sturdy.
- 558 gold; HF; purple ap; taller; mod. to heavy sterility; no distorted glumes; mod. sturdy.
- 559 gold; HF?; purple; shorter; sturdy; no distorted glumes; mod. sterility;
☆
- 560 Bolle Patra; tall; weaker; no distorted glumes; mod. sterility;

561

gold; HF; colorless op; no distorted glumes; mod.
sterility; sturdy.

562

gold; VF; colorless op; more leafy?; no distorted
glumes; sturdy; mod. sterility.

563



gold; HF?; purple op; no distorted glumes; uniform;
mod. sterility; sturdy.

564



gold; VF?; colorless op; no distorted glumes; uniform;
sturdy;

565

gold; HF?; purple op; no distorted glumes; mod.
sterility; mod. tall but sturdy; grain too slender?

566

gold; HF?; purple op; no distorted glumes; sturdy;
mod. sterility.

567

gold; HF; colorless op; no distorted glumes; mod. sterility;
sturdy.

568

gold; VF; colorless op; short & very sturdy; no
distorted glumes; mod. sterility;

569

gold; VF; purple op; short & sturdy; no distorted
glumes; mod. sterility;

570

gold; HF; purple op; no distorted glumes; slight
to mod. sterility; sturdy.

- 571 ☆ gold; VF?; purple ap; short & very sturdy; uniform; no distorted glumes; mod. sterility;
- 572 gold; VF; colorless ap; some distorted glumes; short; sturdy; uniform; mod. sterility.
- 573 ☆ gold; VF; colorless ap; trace of slightly distorted glumes; short; sturdy; uniform; mod. sterility
- 574 gold; VF?; purple ap; mod. sterility; no distorted glumes;
- 575 gold; HF; purple ap; no distorted glumes; mod. sterility; short & sturdy;
- 576 gold; VF?; purple ap; no distorted glumes; mod. sterility;
- 577 gold; VF?; purple ap; no distorted glumes; mod. to heavy sterility;
- 578 gold; HF; purple ap; some distorted glumes; more sterility; less sturdy;
- 579 gold; HF; purple ap; some distorted glumes; more sterility; less sturdy?;
- 580 gold; HF; purple ap; many distorted glumes; more sterility; less sturdy.

581

gold; HF; purple ap; no distorted glumes; mod. to heavy sterility?; less sturdy?

582

gold; HF; colorless ap; two distorted glumes; mod. sturdy; mod. to heavy sterility?

583

gold; HF; purple ap; no distorted glumes; mod. to heavy sterility; mod. sturdy.

584

gold; HF; seg. of color; no distorted glumes; mod. sturdy; mod. heavy sterility.

585

gold; VF?; purple ap; no distorted glumes; mod. sterility; sturdy.

586

straw lgt; colorless ap; VVF; some tip awns; sturdy; no distorted glumes; mod. sterility; spallant plant; taller; flops die back;

587

gold lgt; purple ap; VF; flops die back; mod. ht; sturdy; trace of distorted glumes; grain too slender; mod. to heavy sterility; base of panicle matures slowly;

588

straw lgt; purple ap; VF; no distorted glumes; taller; sturdy; neat;

589

straw lgt; colorless ap; VF; slightly distorted glumes at pan. tip; mod. tall; fairly sturdy; grain too slender?; small nut; mod. sterility.

590

straw lgt; purple ap; VVF; excellent plant; mod. ht.; very sturdy; no distorted glumes; grain too slender?; neat; mod. sterility.

Note: in general, lines from Dawn x C.I. 9187 have panicles that ripen slowly at the base.

- 591 straw lft; colorless sp; tip awns; grain too slender; slightly distorted glumes at pan tip; mod. ht; sturdy; VF; flops die back; mod. sterility.
- 592 straw lft; purple sp; HF?; no distorted glumes; grain better; mod ht; fairly sturdy; mod. sterility;
- 593 straw lft; colorless sp; some slightly distorted glumes at pan tip; VF; better grain?; neat; more uniform; mod. ht.; sturdy;
- 594 Dawn; tall; quite sturdy; no distorted glumes; slight to mod. sterility.
- 595 gold lft; purple sp; tall; quite sturdy; VF; some slightly distorted glumes at pan tip; variable ht.; mod. sterility.
- 596 gold lft; colorless sp; mod. tall; sturdy; VVF; numerous slightly distorted glumes; grain questionable; mod. sterility;
- 597 gold lft; tall; quite sturdy; variable ht; no distorted glumes; nice lft; VF; mod. sterility;
- 598 gold lft; excessive distorted glumes; colorless sp; mod. ht; sturdy; VVF; generally spindly plant; mod. to heavy sterility;
- 599 gold lft; purple sp; trace slightly distorted glumes; VF; mod. ht.; sturdy; mod. sterility;
- 600 Sturbonnet; no distorted glumes; mod. sterility; sturdy

- 601 Kuler; mod. ht. but wispy and weak; contains
mgt off-types.
- 602 gold lft; purple sp; VF; leaf smt; mod. ht;
sturdy; no distorted glumes; mod. sterility.
- 603 gold lft; purple sp; no distorted glumes; VF; mod. ht;
sturdy; mod. sterility; good plant.
- 604 gold lft; purple sp; no distorted glumes; mod. ht;
sturdy; VF; excellent plant; mod. sterility;
- 605 gold lft; purple sp; tall; variable ht; sturdy;
no distorted glumes; mod. sterility; VF?
- 606 straw lft; purple sp; VF?; stays greener?; mod. tall
but sturdy; no distorted glumes; next; uniform
slight to mod. sterility.
- 607 straw lft; purple sp; mod. tall; very sturdy;
VF; no distorted glumes; slight to mod. sterility;
good plant;
- 608 gold lft; purple sp; VF; mod. short; very sturdy;
no distorted glumes; mod. sterility; somewhat variable
for ht.
- 609 gold lft; purple sp; no distorted glumes; mod. ht;
ht. variable; mod. sterility; sturdy; VF; good plant;
- 610 gold lft; purple sp; no distorted glumes; mod.
sterility?; mod. ht.; very sturdy; good plant;

- 611 gold lgt; colorless ap; VUF; excellent plant; tall but sturdy; no distorted glumes; few tip awns; no blight; neat; slight to mod. sterility; some lt. variability
- 612 gold lgt; colorless ap; few tip awns; no distorted glumes; tall but sturdy; no blight; less sterility; excellent plant; neat;
- 613 straw lgt; seg. of color; UF; flags dry badly; taller; mod. sturdy; no distorted glumes; very poor;
- 614 gold lgt; purple ap; tall but quite sturdy; leaves dry badly; no distorted glumes; mod. sterility; UF
- 615 gold lgt; purple ap; no distorted glumes; HFP; taller but sturdy; slight to mod. sterility; no blight;
- 616 straw lgt; colorless ap; leaves dry badly; no distorted glumes; mod. to heavy sterility; few taller awns; less neat;
- 617 straw lgt; colorless ap; no distorted glumes; lvs OK?; mod. tall but sturdy; rather leafy; mod. sterility; poor mature unevenly?; less neat.
- 618 gold lgt; colorless ap; grains too slender; big, very panicle with grains often distorted at base; rather leafy; leaves dry badly; mod. to heavy sterility; sturdy.
- 619 Belle Patra; tall & less sturdy; no distorted glumes; mod. sterility.
- 620 straw lgt; colorless ap; tall but quite sturdy; leaves dry badly; no distorted glumes; grains too small; panicle often mature unevenly; mod. to heavy sterility;

- 621 straw lgt; colorless ap; mod. ht; fairly sturdy; leaves dry quite badly; grains too slender?; VF?; mod. sterility; often very panicle that mature unevenly.
- 622 gold lgt; colorless ap; no distorted glumes; mod. sterility; tall but sturdy; lvs too small; VF;
- 623 gold lgt; colorless ap; no distorted glumes; grains often poorly shaped; lvs panicles that ripen unevenly; leaves dry badly; mod. tall; sturdy; very poor; high yield but poor?
- 624 Blueville; mod. sterility;
- 625 straw lgt; purple ap; no distorted glumes; lvs too broad; mod. ht.; very sturdy; VF; rather leafy; mod. sterility;
- 626 straw lgt; purple ap; trace of parrot beaks; mod. ht.; sturdy; VF; flovs dry somewhat; rather leafy; lvs questionable; variable ht.
- 627 straw lgt; purple ap; VF; no distorted glumes; mod. sterility; mod. tall; sturdy; some ht. variation;
- 628 gold lgt; purple ap; VF; mod. ht.; sturdy; quite variable for ht.; no distorted glumes; mod. sterility.
- 629 straw lgt; colorless ap; trace of parrot beaks; VUF; excellent plant; shorter; sturdy; rel. uniform; flovs dry badly;
- 630 gold lgt; purple ap; some slightly distorted glumes at pan. tip; mod. sterility; mod. tall but sturdy; excellent plant; next; strong green?

- 631 straw lgt. purple ap; no distorted glumes; mod. to heavy sterility; VF; flags dry badly; tall; quite sturdy;
- 632 straw lgt; purple ap; no distorted glumes; big lgt; taller; sturdy; VF; flags dry badly; mod. sterility;
- 633 straw lgt; purple ap; VVF; short & very sturdy; nice big lgt; no distorted glumes; mod. sterility; excellent plant but leaves dry severely.
- 634 straw lgt; colorless ap; VF?; tall but sturdy; no distorted glumes; mod. sterility.
- 635 yell lgt; purple ap; VVF; mod. ht; fairly sturdy; no distorted glumes; quite uniform; overall appearance good.
- 636 straw; VF; purple ap; variable ht; no distorted glumes; mod. sterility; general appearance poor. leaves dry
- 637 straw; VF; purple ap; some tip awn; no distorted glumes; shorter; leaves dry early.
- 638 straw lgt; very tall; sturdy; purple ap; HF; no distorted glumes; mod. to heavy sterility; not uniform for ht.
- 639 ☆ straw lgt; purple ap. no distorted glumes; mod. sterility; short & sturdy; VVF; excellent plant; not uniform;
- 640 Starbonnet; little or no blight; mod. sterility; short.

641

gold; VF; purple; quite sturdy; no distorted
glumes; shorter & quite sturdy; tip wears; flags die
back at maturity; rd. uniform; mod. sturdy.

642

straw; VF; gold; no distorted glumes; taller & only mod.
sturdy; mod. sturdy;

643

straw; VF; purple of; quite tall and weaker; ht.
variable; trace of slightly distorted glumes at panicle
tip; overall poor.

644

straw; VF; purple; some distorted glumes; leaf
die-back; variable ht; some gold off-tops;
ragged appearance.

645

straw; VF; trace of distorted glumes at pan. tip;
short & sturdy; purple of; mod. sturdy; one of best from
this cross;

646

straw; HF; seg. of color?; taller; fairly sturdy; ragged
appearance; no distorted glumes; slight to mod. sturdy;
big lft.

647

straw; HF; purple of; variable ht; fairly sturdy; no
distorted glumes; slight to mod. sturdy; big lft.

648

straw; VF; purple of; no distorted glumes; mod.
sturdy; shorter & sturdy; overall better for the
cross.

649

straw; VF; purple of; no distorted glumes; mod.
sturdy; short & sturdy; one of best from this
cross.

650

Down; tall; no blight;

- 651 gold mgt; purple ap; VUF; short; sturdy; excellent plant; like UYN 1; little or no blight; slight to mod. sterility; some lt. variation; stays green.
- 652 gold mgt; colorless ap; UF; excellent plant; neat; quite uniform; mod. lt; sturdy; trace of blight?; less sterility.
- 653 gold mgt; colorless ap; tall; fairly sturdy; UF; neat; some lt. variation; no blight; slight to mod. sterility.
- 654 ☆ gold mgt; purple ap; very short & sturdy; VUF; excellent plant; no blight & little sterility; like UYN 1; overall neat.
- 655 gold lgt; colorless ap; grain too stubby?; taller and less sturdy; VUF; no distorted glumes; mod sterility;
- 656 gold lgt; grain too small?; purple ap; mod. tall; UF; variable lt; no blight; slight to mod. sterility; high yielder?; sturdy.
- 657 gold mgt; purple ap; taller; quite sturdy; no blight; little sterility; UF; neat.
- 658 gold mgt; purple ap; short & very sturdy; quite variable lt; trace of blight; very little sterility.
- 659 gold mgt; purple ap; UF; very short & sturdy; trace of blight; trace of blight; slight to mod. sterility; somewhat variable lt.
- 660 Bluebell; no distorted glumes; slight to mod. sterility;

661 gold ngt; colorless op; mod. ht; VF; mod. sturdy; nest; trace of blight; less sterility.

662 gold ngt; purple op; VUF; tall; sturdy; nest; sharp green?; no blight; little sterility;

663 gold ngt; purple op; long VUF; mod. ht; very sturdy; somewhat variable ht; flag die-back; little or no blight.

664 gold ngt; purple op; mod short; fairly sturdy; VF; very poor; little or no blight; variable ht; slight to mod. sterility;

665 gold ngt; short; sturdy; VUF; purple op; little blight; slight sterility; somewhat variable ht.

666 gold ngt; purple op; some tip snow; short; very sturdy; VUF; nest & uniform; trace of blight; slight to mod. sterility;

667 gold lgt; colorless op; no distorted glumes; taller; variable ht; mod. sturdy; mod. sterility; no blight.

668 gold ngt; colorless op; mod. ht; sturdy; variable ht; VF; trace of blight; after winter poor.

669 gold lgt; purple op; VF?; mod. ht.; sturdy; nest & rel. uniform; no blight; little sterility;

670 gold lgt; purple op; mod. ht; VF; more leafy; winter poor; no blight; slight to mod. sterility; mod. ht.; very sturdy; somewhat less nest;

- 671 Belle Patra; tall and less sturdy; no distorted glumes; mod. sterility.
- 672 gold lft; purple ap; some tip awns; very panicle; no blight; possibly high yield; no distorted glume; slight to mod. sterility; somewhat with lt.
- 673 gold mgt; purple ap; mod. lt.; sturdy; VF; neat & rel. uniform; no blight & little sterility;
- 674 gold mgt; purple ap; VF; very neat & uniform; excellent plant; like VYN 1; short & sturdy; no blight & little sterility;
- 675 gold mgt; purple ap; VF; short & sturdy; uniform; neat; little or no blight;
- 676 gold lft; colorless ap; HF; taller & weaker; no distorted glumes; mod. sterility;
- 677 gold lft; colorless ap; VF; leaf die-back; taller; fairly sturdy; grain shape questionable; mod. sterility; less neat appearance.
- 678 gold lft; colorless ap; mod. no. slightly distorted glume; VF; flag die-back; mod. lt.; sturdy; mod. sterility.
- 679 gold lft; VF; purple ap; some slightly distorted glumes; sturdy; short; excellent plant; mod. sterility; less uniform.
- 680 gold lft; purple ap; VF; sturdy; large number of slightly distorted glumes; mod. to heavy sterility.

681

Nato; tall & leafy; ragged appearance.

682

gold ngt; purple ap; VVF; short & sturdy; little sterility; no blight; plant type excellent; like VYN 1.

683

gold lgt; colorless ap; VF; mod. ht.; very sturdy; leaf smut; somewhat variable ht & probably not; trace of slightly distorted glumes; mod. sterility; no blight

684

gold lgt; purple ap; VF; short & sturdy; trace of slightly distorted glumes; mod. sterility; flag in bud;

685

Saturn; taller & ragged appearance.

686

gold ngt; purple ap; VF; short & sturdy; more variable ht; probably variable not;

687

gold ngt; purple ap; VVF; very short & sturdy; excellent plant; slight trace of blight

688



gold ngt; colorless ap; short & sturdy; neat & uniform; excellent plant; VVF; no blight & little sterility; grain sometimes small.

689

gold lgt; colorless ap; VVF; no distorted glumes; mod. sterility; mod. ht; sturdy; grain shiny.

690

Nova 66; no blight;

- 691 P.I. 215936 ; some off-types
- 692 straw mgt; colorless ap; UF; very short & sturdy; trace of blight; highly variable ht. & probably maturity; high yield potential?
- 693 mgt; seg. hull color; fairly sturdy; purple ap; HF; variable ht & probably maturity; trace of blight;
- 694 mgt; seg. hull color; colorless ap; highly variable ht. & probably maturity; taller & probably less sturdy; UF?; trace of blight.
- 695 TCN71
- 696 gold mgt; purple ap; mod. ht; mod. sturdy; variable ht & maturity; some blight; ragged appearance due to variability.
- 697 straw mgt; colorless ap; UF; variable ht & maturity!; mod. sturdy; waxy panicles; trace of blight
- 698
 ☆ gold sgt; colorless ap; neat; very short & sturdy; UF?; stays greener; no blight; little stink; little stink;
- 699 gold sgt; neat; colorless ap; UF; mod. ht; sturdy; stays greener; no blight; little stink; often waxy panicles; big panicles.
- 700 gold sgt; colorless ap; VUF; neat; no blight; stays greener; mod. ht. but sturdy; slight stink; small panicles;

- 701
☆ gold sgt; colorless ap; neat; VUF; apallent plant; very short & very sturdy; stays greener?; slight trace of blight; little sterility; panicles generally small.
- 702 straw mgt; purple ap; UF?; short; sturdy; slight blight; variable ht;
- 703 straw mgt; colorless ap; trace of blight; mod. sterility; UF; short & sturdy; somewhat variable ht;
- 704 straw mgt; colorless ap; short & very sturdy; UF; highly variable ht; waxy panicle; mod. sterility;
- 705 gold sgt; UF?; colorless ap; sturdy; no blight; highly fertile; somewhat leafy but neat!; good panicles.
- 706 C.I. 9545; variable ht.
- 707
☆ gold sgt; colorless ap; UF; stays greener; no blight; little sterility; short & sturdy; high yield potential;
- 708 straw mgt; VUF; colorless ap; very short; sturdy; trace of blight; mod. sterility; waxy pan; panicle quite small; fairly uniform.
- 709 straw mgt; purple ap; mod. ht; sturdy; variable ht; no blight; little sterility; HF
- 710 straw mgt; purple ap?; UF; short; sturdy; no blight; mod. sterility;

- 711 straw mgt; colorless ap; very short & very sturdy; VF; waxy panicle; some ht. variability; some blight; mod. sterility; high yield potential?
- 712 C.I. 9628; mod. blight; mod. to heavy sterility;
- 713 straw mgt; colorless ap; very short; sturdy; VF; waxy pan.; high yield potential; trace of blight; somewhat less uniform; variable nut?
- 714 straw mgt; colorless ap; VF; waxy, large panicles; somewhat variable for ht; little or no blight; high yield potential?; short; sturdy.
- 715 straw mgt; colorless ap; short & very sturdy; VF; variable ht; some blight; mod. sterility;
- 716 straw mgt; short & sturdy; colorless ap; VF; waxy panicle; some ht. variability; slight trace of blight; slight sterility;
- 717 straw mgt; purple ap; short & sturdy; HF?; rather leafy; trace of blight; slight sterility; somewhat more uniform for ht?
- 718 gold mgt; colorless ap; taller but quite sturdy; VF; stays greener; neat; no blight;
- 719 gold mgt; colorless ap; VF; mod. ht; sturdy; waxy panicles; stays greener?; trace of blight?;
- 720 straw mgt; colorless ap; VF; short & sturdy; more uniform; trace of blight; slight sterility; good plant type;

- 721 gold mgt; colorless ap; VF; mod. short; fairly sturdy; mod. sterility; variable ht; leaf smt; flags die back often long panicle.
- 722 gold sgt; colorless ap; very short, sturdy, mat plant; VUF; highly fertile; small, club-like panicles; uniform;
- 723 straw mgt; short & sturdy; quite uniform; HF; not leafy; trace of blight; little sterility; colorless ap; quite mat.
- 724 gold mgt; colorless ap; VF; mod. ht.; fairly sturdy; quite mat & uniform; no blight;
- 725 T(N)1
- 726 gold mgt; purple ap; VF; short & sturdy; purple ap; mod. to heavy blight; more sterility;
- 727 mgt; seg. hull color; purple ap; VF; short & quite sturdy; some blight; overall quite variable; leaf smt;
- 728 gold mgt; purple ap; VUF; short & very sturdy; mod. poor blight; much leaf smt; mod. sterility; late, tall off-types.
- 729 gold mgt; purple ap; short & sturdy; mod. to heavy blight; bad leaf smt; variable mat.
- 730 Nova 66; no blight

- 731 gold mgt; purple ap; VUF; short & sturdy; excellent
plant; quite uniform; leaf count; slight blight;
slight sterility; poor after small
- 732 gold mgt; purple ap; very short & very sturdy; VUF;
slight trace of blight; mod. sterility. like UYN 1 in
plant type (excellent).
- 733 straw mgt; very short & sturdy; purple ap; UF;
trace of blight; high yield potential?
- 734  gold mgt; purple ap; UF; very short & sturdy;
- 735 straw mgt; purple ap; very short; sturdy; HF?;
leaf count; rather leafy; mod. to heavy blight.
- 736 Saturn; slight to mod. blight; slight to mod.
sterility;
- 737 gold mgt; purple ap; VUF; mod. short; sturdy;
rel. uniform;
- 738 gold mgt; purple ap; UF; very short; sturdy;
excellent plant; little or no blight;
- 739  gold mgt; purple ap; VUF; excellent plant; very
short; sturdy; very purple; no blight; little
sterility.
- 740 Nats; tall

- 741 gold mgt; seg. of color; mod. till; mod. sturdy; more variable; overall less desirable. (as for note?)
- 742 Very similar to Note in all visible characters; identity wrong? (OK for Cross, so not Note!)
- 743 gold mgt; purple up; very short; sturdy; VF; little or no blight; some ht. variation; little sturdy; often large panicles; high yield potential?
- 744
- 745
- 746
- 747
- 748
- 749
- 750 C.I. 9628

- 751 straw right; colorless up; very short; sturdy; VF;
waxy panicle; some tall segs.; trace of blight;
- 752 straw right; purple up; VVF; excellent plant;
short; very sturdy. panicles mostly small; trace of
blight?; slight to mod. sterility;
- 753 C.P. 231
- 754 Bluebonnet 50;
- 755 Dee-geo-wo-ger; excessive miltuse; rogued
heavily;
- 756 C.I. 9545
- 757 Dwarf Bluebell; gold left; purple up; very short
sturdy; VVF; no distorted glumes; mod. sterility.
- 758 IR-20; IR-8 plant type; brief; bearded; pubescent;
colorless up;
- 759 IR-8
- 760 P.I. 215936; some off-types rogued out.

761 IR-22 ; IR-8 plant type ; coarse lgt ; colorless ap ;
pubescent.

762 Dwarf Bluebell ; some description as # 157

763 stem soft ; semi-dwarf ? ; IR-8 plant type ; pubescent ; purple
ap ; sturdy ;

764 I-geo-type ; fairly free of off-types.

765

766

1970 Daylight Plots
General Field Notes

yields presented
below are means
of 2 reps.

1201	straw; colorless sp; HF; some distorted glumes; some sterility.	4757 lbs./A
1202	straw; colorless sp; most panicles show some distorted glumes; HF;	4536
1203	straw; purple sp; HF; some distorted glumes; some sterility.	4546
1204	straw; colorless sp; HF; trace of distorted glumes; some sterility;	5024
1205	straw; purple sp; HF; some distorted glumes;	4197
1206	straw; HF; purple sp; some distorted glumes;	5037
1207	straw; colorless sp; HF; some distorted glumes; some sterility.	5333
1208	straw; colorless sp; HF; trace of distorted glumes; some sterility;	5392
1209	straw; HF; colorless sp; no distorted glumes; small quite good!	5302
1210	straw; HF; colorless sp; no distorted glumes; one of best from this cross.	5297

- | | | |
|------|---|------------|
| 1211 | straw; HF; colorless ap; no distorted glumes;
less sterility; one of better from this cross; grain
sometimes too small? | 5248 lb./A |
| 1212 | straw; HF; colorless ap; no distorted glumes;
slight to moderate sterility | 5292 |
| 1213 | straw; HF; purple ap; no distorted glumes; | 5513 |
| 1214 | straw; HF; purple ap; no distorted glumes;
taller; moderate sterility; | 5189 |
| 1215 | straw; HF; purple ap; some distorted glumes;
probably less sterility; taller | 4832 |
| 1216 | straw; HF; purple ap; numerous distorted glumes;
taller. | 4737 |
| 1217 | straw; HF; colorless ap; no distorted glumes; | 5143 |
| 1218 | straw; HF; colorless ap; no distorted glumes;
one of best from this cross. | 5914 |
| 1219 | straw; HF; purple ap; many distorted glumes;
more sterility; tall. | 4659 |
| 1220 | straw; HF; purple ap; some distorted glumes;
taller | 4600 |

- | | | |
|-----------|---|------------|
| 1221
☆ | straw; VF?; purple of; no distorted glumes;
shorter and sturdier. | 5847 lbs/A |
| 1222
☆ | straw; HF; purple of; some distorted glumes on most
panicles; some sterility; very sturdy; short; uniform; | 5777 |
| 1223 | straw; HF; colorless of; trace of distorted glumes;
shorter; | 5716 |
| 1224
☆ | straw; VF; colorless of; trace of distorted glumes; moderate
sterility; short and sturdy | 6250 |
| 1225 | straw; HF; colorless of; no distorted glumes; more
sterility; taller | 5071 |
| 1226 | straw; HF; purple of; trace of distorted glumes;
taller | 5549 |
| 1227 | straw; HF; colorless of (some purple); no distorted
glumes; taller. | 5428 |
| 1228
☆ | straw; HF?; colorless of; no distorted glumes; slight to
moderate sterility; sturdy. | 5438 |
| 1229 | straw; VF; colorless of; no distorted glumes; more
sterility?; shorter. | 5831 |
| 1230
☆ | straw; VF; colorless of; no distorted glumes;
more sterility?; short & sturdy; less uniform
for hf? | 5996 |

1231 straw; VF; colorless sp; some sterility but no distorted glumes; uniform. 6171 lbs./A

1232 straw; VF; colorless sp; no distorted glumes; more sterility? 5914 (6309)

1233 straw; VF; colorless sp; no distorted glumes; some sterility; overall appearance good. (6564)

1234 straw; colorless sp; HF; some distorted glumes;

1235 straw; purple sp; HF; trace distorted glumes; some sterility;

1236 straw; colorless sp; HF; no distorted glumes; less sterility;

1237 straw; HF; purple sp; some distorted glumes; heavy sterility.

1238 straw; HF?; purple sp; some distorted glumes; more sterility?; grain too short; shorter, sturdier plant.

1239 straw; HF; colorless sp; some distorted glumes; taller

1240 straw; purple sp; HF; trace distorted glumes; tall.

1241

straw; colorless; HF; no distorted glumes; less sterility;
taller;

(6119)

1242

straw; colorless; HF; no distorted glumes; taller.

1243

gold; purple; VF; no distorted glumes; some
sterility;

1244

straw; purple; HF; no distorted glumes; some
sterility; tall & weaker;

1245

straw; HF; colorless; no distorted glumes; moderate
sterility; taller

1246



straw; VF; colorless; no distorted glumes; light
to moderate sterility;

1247

straw; HF; faint purple; no distorted glumes;
moderate sterility

1248

straw; VF?; seg. of color; no distorted glumes;
some sterility.

1249

straw; HF; colorless; trace of distorted panicle; more
sterility; more variable?

1250

straw (some golds present); VF; colorless; no
distorted glumes; moderate sterility; more variable?

- 1251 straw; UF?; colorless ap; no distorted glumes; moderate sterility; short & sturdy; leaves wide;
- 1252 straw; HF; trace of distorted glumes; moderate to heavy sterility; colorless ap;
- 1253 straw; HF; seg. ap. color; trace of distorted glumes; heavy sterility; overall poor looking.
- 1254 gold; HF; purple ap; no distorted glumes; moderate sterility; some off-types
- 1255 gold; HF; seg. ap. color?; some distorted glumes; moderate sterility;
- 1256 gold; UF; colorless ap; no distorted glumes; some sterility; grain often too small?; sturdy
- 1257 gold; UF; faint purple ap; trace of distorted glumes; more sterility; short and sturdy.
- 1258 gold; UF; purple ap; no distorted glumes; some sterility; sturdy;
- 1259 gold; UF?; no distorted glumes; moderate sterility; colorless ap; sturdy
- 1260 gold; UF; colorless ap; no distorted glumes; heavy sterility; short, sturdy plant.

1261 gold; UF?; seg. op. color; no distorted glumes; moderate sterility; taller but sturdy; less uniform for height; (5955)

1262 gold; UF; colorless op; no distorted glumes; mod. sterility; rel. sturdy; somewhat more variable for ht.?

1263 gold; UF; seg. op. color; no distorted glumes; moderate sterility; ☆

1264 gold; UF; faint purple op; no distorted glumes; moderate sterility;

1265 gold; UF; seg. op. color?; no distorted glumes; more sterility; grain too slender?; sturdy.

1266 gold; HF; purple op; straw off-types; trace of distorted glumes; variable height; mod. to heavy sterility.

1267 gold; UF; colorless op; no distorted glumes; moderate to heavy sterility;

1268 gold; UF?; colorless op; no distorted glumes; moderate sterility; sturdy; ☆

1269 gold; HF?; faint purple op; no distorted glumes; more sterility; short and sturdy.

1270 gold; HF; colorless op; no distorted glumes; mod. sterility; taller and weaker?

- 1271 gold; HF; purple sp; some distorted glumes; mod. sterility;
- 1272 gold; HF; colorless sp; no distorted glumes; moderate sterility; tall and weaker;
- 1273 straw; VUF; colorless sp; no distorted glumes; lg t; probably too slender; excellent plant;
- 1274 straw; UF; seg. sp. color; no distorted glumes; less sterility?; grain too slender?; taller but sturdy; few tall headed segregates!
- 1275 straw; UF?; colorless sp; no distorted glumes; less sterility?; taller but sturdy; grain too slender?; narrower leaves.
- 1276 straw; VUF; purple sp; no distorted glumes; less sterility; taller but sturdy; grain too slender?
- 1277 straw; VUF; colorless sp; no distorted glumes; less sterility; excellent sturdy plant; grain too slender?
- 1278 straw; HF?; purple sp; grain okay?; taller but probably not weak;
- 1279 straw; VUF; purple sp; no distorted glumes; some sterility; probably lodging resistant; grain often too slender?;
- 1280 straw; UF; colorless sp; no distorted glumes; less sterility; taller but sturdy; grain too slender?

- 1281  straw; VUF; purple up; no distorted glumes; less sterility; grain too slender?; very sturdy; excellent plant; uniform
- 1282 straw; VUF; colorless up; very sturdy; often tip curved; grain OK?; no distorted glumes;
- 1283 straw; VUF; purple up; no distorted glumes; less sterility; taller but very sturdy; grain too slender?
- 1284 straw; HF?; wide leaves; no distorted glumes; moderate to heavy sterility;
- 1285 straw; UF?; colorless up; no distorted glumes; moderate sterility; very tall
- 1286 straw; UF; colorless up; tip curves; no distorted glumes; tall; leafy; variable height and maturity; lgt.
- 1287 Belle Patino; tall; weak; no distorted glumes; moderate sterility;
- 1288 Bluebelle; no distorted glumes; moderate sterility.
- 1289 gold; HF; colorless up; mod. sterility; no distorted glumes; less sturdy;
- 1290 gold; UF; no distorted glumes; purple up; moderate sterility; sturdy;

1291

gold; UF; colorless ap (some purple); trace of distorted glumes; grain sometimes too small?; short and sturdy; more leafy summit.

1292

gold; HF; seg. of color; no distorted glumes; mod. sterility; taller but fairly sturdy.

1293

gold; HF; colorless ap; no distorted glumes; mod. sterility;

1294

gold; HF?; purple ap; no distorted glumes; mod. sterility;

1295

☆ gold; UF?; purple ap; no distorted glumes; mod. sterility; short & sturdy;

1296

gold; UF?; colorless ap; no distorted glumes; mod. sterility; some tall segs;

1297

☆ gold; HF?; purple ap; trace of slightly distorted glumes?; mod. sterility; sturdy

1298

☆ gold; HF; purple ap; no distorted glumes; mod. sterility; short & sturdy

1299

☆ gold; HF; purple ap; no distorted glumes; mod. sterility; short & sturdy!

1300

gold; HF; purple ap; no distorted glumes; moderate sterility; sturdy

1301



gold; UF; purple ap; no distorted glumes; mod.
sterility; sturdy.

1302

gold; UF?; purple ap; no distorted glumes; less sterility?
grain too short?; short and sturdy.

1303



gold; HF; purple ap; no distorted glumes; mod.
sterility; short & sturdy

(5980)

1304

gold; UF; purple ap; no distorted glumes; moderate
sterility; sturdy

1305

gold; HF?; colorless ap; no distorted glumes; heavy
sterility; somewhat less uniform

1306



gold; UF?; seq. ap color?; more sterility?; no
distorted glumes;

1307

gold; UF?; seq. ap. color?; no distorted glumes;
mod. sterility; sturdy; somewhat less uniform; sturdy

1308



gold; UF; purple ap; no distorted glumes; mod.
sterility; sturdy;

1309



gold; UF; colorless ap; some distorted glumes; mod. sterility;
short & sturdy.

1310

gold; UF; purple ap (some colorless); no distorted glumes;
some sterility; sturdy; more variable for st.

1311 gold; VF; colorless ap; slight trace of distorted glumes;
mod. sterility; few taller segs; short & sturdy.

1312 gold; VF?; seg. ap. color; no distorted glumes;
perhaps less sterility;
(6225)

1313 gold; HF; faint purple ap; numerous distorted glumes
and excessive sterility!!!

1314 gold; VF?; purple ap; some distorted glumes;
moderate sterility; taller & less sturdy;

1315 gold; HF; purple ap; some distorted glumes;
mod. to heavy sterility; taller; late segregates;
overall less desirable!

1316 gold; VF?; seg. ap. color; some distorted glumes;
mod. sterility; sturdy;

1317 gold; VF; purple ap; mod. sterility; no distorted
glumes; seg. ht & maturity; overall inferior!

1318 gold; VF; colorless ap; trace of distorted glumes;
mod. sterility; sturdy;

1319 gold; VF; colorless ap; trace of distorted glumes;
mod. sterility; sturdy;
☆

1320 gold; HF; colorless ap; trace distorted glumes; more
sterility; sturdy; some bull off-types.

1321

gold; UF; purple sp; no distorted glumes; mod.
sterility; sturdy.

1322

gold; HF; colorless sp; some distorted glumes; mod.
sterility;

1323

gold; HF?; purple sp; no distorted glumes; mod.
sterility; sturdy.

1324

gold; UF; colorless sp; no distorted glumes; mod.
sterility;

1325

gold; HF; colorless sp; some distorted glumes;
mod. sterility;

1326

gold; HF; purple sp; no distorted glumes; mod.
sterility; taller.

1327

gold; UF; colorless sp; no distorted glumes; mod. sterility;

1328

gold; UF; purple sp; trace of distorted glumes;
moderate sterility;

1329

gold; UF?; colorless sp; no distorted glumes; mod. to
heavy sterility;

1330

Down; tall; no distorted glumes; less sterility.

1331

gold; VF; faint purple ap; no distorted glumes;
moderate sterility;

1332

1333

gold; VF?; colorless ap; no distorted glumes; mod.
sterility; slightly taller; less uniform for ht.

1334



gold; VF; purple ap; no distorted glumes; mod.
sterility; short & sturdy; rel. uniform.

1335

gold; HF; trace distorted glumes; purple ap; mod.-heavy
sterility; somewhat taller but fairly sturdy.

1336

gold; VF; colorless ap; trace distorted glumes;
mod to heavy sterility; sturdy

(6081)

1337

gold; HF; colorless ap; trace of distorted glumes;
mod. to heavy sterility; short & sturdy.

1338

gold; VF; colorless ap; no distorted glumes; mod.
sterility; short & sturdy.

1339

gold; HF; purple ap; no distorted glumes; mod.
sterility; fairly sturdy; uniform.

(6289)

1340

gold; HF; purple ap; no distorted glumes; mod.
sterility;

1341

gold; HF; colorless ap; no distorted glumes; mod.
sterility; uniform;

(5957)

1342



gold; HF; colorless ap?; no distorted glumes;
mod. sterility; sturdy; mod. tall by quite sturdy;

1343

gold; UF?; colorless ap; no distorted glumes; mod.
to heavy sterility; sd. uniform for ht.; sturdy.

1344

gold; UF?; colorless ap; no distorted glumes;
slight to mod. sterility; mod. taller but sturdy.

1345



gold; HF; colorless ap; no distorted glumes; mod.
sterility; sturdy;

1346

gold; HF; purple ap; no distorted glumes; mod. to
heavy sterility; generally less uniform;

1347

gold; HF; purple ap; trace distorted glumes; mod.
sterility; taller

1348

tall off-types; gold; UF; colorless ap; no distorted
glumes; mod. sterility; sturdy; variable!

1349



gold; UF?; purple ap?; no distorted glumes;
mod. sterility;

(6222)

1350

gold; UF; no distorted glumes, more sturdy?
short & sturdy; grain more slender?

- 1351 gold; HF; seg. sp. color; no distorted glumes; mod. sterility; taller?
- 1352 gold; UF?; colorless sp; no distorted glumes; mod. sterility; short & sturdy.
- 1353 gold; HF?; colorless sp; no distorted glumes; mod. sterility; sturdy;
- 1354 gold; HF; purple sp; no distorted glumes; mod. sterility; uniform; sturdy!
- 1355 gold; UF; colorless sp; trace distorted glumes; mod. sterility; short & sturdy.
- 1356 gold; HF; purple sp; no distorted glumes; mod. sterility; very short & sturdy!
- 1357 gold; UF; purple sp; trace distorted glumes; sturdy; less sterility?
- 1358 gold; UF; purple; trace of distorted glumes; mod. sterility; sturdy but somewhat taller.
- 1359 gold; UF; purple sp; trace distorted glumes; mod. sterility; rel. sturdy;
- 1360 gold; HF?; colorless sp; no distorted glumes; mod. sterility; slightly taller.

- 1361 gold; VF; trace of distorted glumes; colorless ap; mod. sterility; taller but sturdy; grain sometimes too fat and chape off?
- 1362 ☆ gold; VF; purple ap; no distorted glumes; mod. sterility; uniform; short & sturdy.
- 1363 gold lfts; colorless ap; tall and weaker; no distorted glumes; less sterility; large panicle; high yield?
- 1364 gold lfts; VF?; colorless ap; no distorted glumes; mod. sterility; taller & weaker; high yield?
- 1365 gold lft; VF?; colorless ap; trace of slightly distorted glumes; taller & probably less sturdy; mod. sterility.
- 1366 gold lft; VF; purple ap; sturdy; no distorted glumes; less sterility?
- 1367 gold lft; VF?; colorless ap; no distorted glumes; tall & weaker; large panicle; high yield?
- 1368 gold; VF; purple ap; sturdy; lft; less sterility?; trace of distorted glumes; some ty awns;
- 1369 gold; VF; colorless ap; excellent plant; sturdy; lfts; no distorted glumes; slight to mod. sterility;
- 1370 gold lfts; VF; taller but sturdy; excellent plant; no distorted glumes; less sterility;

- 1371 gold lfts; VF; purple ap; sturdy; some tip awns; trace of distorted glumes; slight to mod. sterility;
- 1372 gold lfts; VF; colorless ap; excellent plant; sturdy; some slightly distorted glumes; slight to mod. sterility; uniform.
- 1373 gold lfts; purple ap; VF; wispy pan.; mod. tall but quite sturdy; some tip awns; trace of slightly distorted glume; mod. sterility.
- 1374 Dwarf; very tall; VF; trace of slightly distorted glumes; quite sturdy; slight to mod. sterility.
- 1375 Bluebell; no distorted glumes; slight to moderate sterility;
- 1376 Belle Patrou;
- 1377  mgt; gold; purple ap; VF; greener longer?; mod. short; sturdy; neat; more uniform
- 1378 mgt; gold; seg. ap color?; taller but quite sturdy; VF; more uniform; neat; greener longer?
- 1379 mgt; gold; colorless ap; VVF; short; sturdy; stays green longer; neat;
- 1380 mgt; straw; VF; purple ap; short but not very sturdy?; heavy pan. slight

1381

mgt; short; sturdy; straw bell; colorless ap; variable
ht. & maturity; VF; waxy panicle; rugged;

1382

mgt; straw; colorless ap; VF; mod. short; mod. sturdy;
waxy pan.; trace of blight; somewhat more uniform.

1383

mgt; straw; colorless ap; VUF; mod. ht; sturdy;
variable ht; trace of blight?; leafy

1384

mgt; gold; colorless; taller; variable ht & maturity;
less sturdy; VF;

1385

mgt; straw; short; mod. sturdy; VF; colorless ap;
trace of blight; variable ht;

1386

gold mgt; colorless ap; VF; tall but mod. sturdy;
overall neat; little sterility and no blight; leaves
stay greener;

1387

mgt; gold; colorless ap; mod. ht; quite sturdy;
VF; more uniform? neater; little blight or sterility.

1388

mgt; straw; purple ap; tall; weaker; high yield;
VF; more uniform; little blight or sterility;

1389

mgt; straw; colorless ap; short & mod. sturdy;
some ht. variability but overall neater; little blight
or blight; VF

1390

mgt; gold; colorless ap; mod. ht but reasonably
sturdy; no blight & little sterility; stays greener;
rel. uniform.

- 1391 mgt; straw; colorless ap; VVF; short; sturdy;
sel. uniform; trace of blight;
- 1392 mgt; straw; purple ap; VF; mod. short; sturdy;
no blight;
- 1393 mgt; straw; colorless ap; taller but quite sturdy;
VF; more uniform;
- 1394 mgt; straw; colorless ap; VF?; taller; mod. sturdy;
variable ht. & maturity.
- 1395 mgt; straw; colorless ap; mod. ht.; fairly sturdy;
variable ht.; VF
- 1396 mgt; straw; colorless ap; VF; mod. ht.; sturdy;
waxy pan.; trace of blight; some variation in ht.;
possibly higher yielder.
- 1397 mgt; gold; purple ap; mod. ht.; sturdy; greens
longer; VF; more uniform?
- 1398 mgt; straw; purple ap; mod. ht.; fairly sturdy;
VF; variable ht.; no pan. blight;
- 1399 mgt; straw; reg. ap color; VVF; short; sturdy;
some blight or sturdiness; leafy
- 1400 mgt; straw; purple ap; taller; mod. sturdy; VF;

- 1401 mgt; VF; very short; variable ht; probably variable maturity; possible panicle blight; straw hull; colorless ap;
- 1402 mgt; VF; quite sturdy; colorless ap; straw hull; trace of blighted panicles?; not uniform for ht; wispy pan;
- 1403 mgt; gold; purple ap; VF; rather leafy; short; sturdy; trace of blight;
- 1404 mgt; straw; purple ap; VUF; green longer?; trace of blight; short; sturdy; neat; uniform.
- 1405 mgt; straw; purple ap; short; fairly sturdy; mod. blight; VF;
- 1406 mgt; straw; purple ap; mod. ht but not sturdy?; excessive pan. blight; VF?;
- 1407 gold mgt; purple ap; VF; mod. tall; mod. sturdy; leaves stay greener; no blight & little sterility; neat;
- 1408 mgt; straw; colorless ap; VF; mod. ht; sturdy; trace of blight; more uniform.
- 1409 mgt; straw; mod. ht; fairly sturdy; colorless ap; VF; some blight;
- 1410 mgt; straw; colorless ap; very short and very sturdy; variable ht; ragged; quite leafy; pan. compact and almost distorted; some blight.

- 14111 mgt; VF; very sturdy; straw hull; colorless ap; trace of pan. blight; not uniform; wispy panicle. mod. stably; ragged.
- 1412 mgt; gold; purple ap; short & very sturdy; stays green longer?; trace of blight?
- 1413 mgt; straw; colorless ap; VF; mod. tall; sturdy; more blight or sterility; higher yielder?; leafy.
- 1414 mgt; gold; VF; short & sturdy; colorless ap. stays green longer?; milder; trace of blight?
- 1415 mgt; straw; HF; short; sturdy; colorless ap; variable ht.; trace pan. blight;
- 1416  straw; mgt; purple ap; VF; very short & sturdy; leaves stay greener; rel. uniform for ht.; no blight & little sterility.
- 1417 Saturn; taller; leafy; mod. sterility;
- 1418 Nato; very tall; leafy; variable ht.
- 1419 straw; mgt; colorless ap; mod. sturdy; leafy; mod. ht.; mod. to heavy sterility; mod. pan. blight
- 1420 T(N)1; VUF; mab; no sterility or blight.

